

FIG. 1A

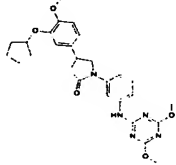
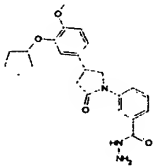
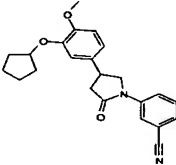
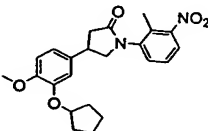
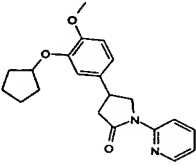
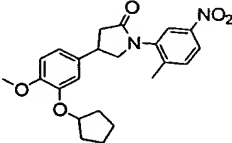
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
1		MS <i>m/z</i> : 506.2 (M + 1).
2		MS <i>m/z</i> : 410.2(M + 1).
3		¹ H NMR (CDCl ₃): δ 7.97 (1H, s), 7.93 (1H, d, J = 8.1 Hz), 7.46 (1H, d, J = 8.1 Hz), 7.44 (1H, d, J = 8 Hz), 6.81 (3H, m), 4.76 (1H, brs), 4.16 (1H, t, J = 11.8 Hz), 3.84 (3H, s), 3.84 (1H, t, J = 11.8 Hz) 3.66 (1H, m) 3.03 (1H, q, J = 8.4 Hz), 2.81 (1H, q, J = 8.4 Hz), 1.60-1.89 (8H, m) ppm. MS <i>m/z</i> : 377.2 (M + 1).
4		MS <i>m/z</i> : 411.1(M + 1).
5		¹ H NMR (CDCl ₃): δ 8.41 (1H, d, J = 8.0 Hz); 8.35 (1H, m); 7.78 (1H, m); 7.04 (1H, m); 6.81 (2H, dd, J = 2.3 Hz); 4.67 (1H, brs), 4.52 (1H, dd, J = 8.0 Hz, 10.6 Hz); 4.03 (1H, dd, J = 8.0 Hz, 10.6 Hz); 3.83 (3H, s); 3.61 (1H, m); 3.03 (1H, dd, J = 8.5 Hz, 16.8 Hz), 2.83 (1H, dd, J = 8.5 Hz, 16.8 Hz); 1.89 (8H, m) ppm. MS <i>m/z</i> : 353.1 (M + 1).
6		MS <i>m/z</i> : 411.1(M + 1).

FIG. 1B

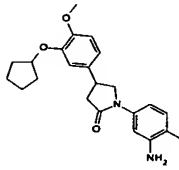
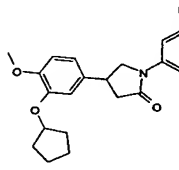
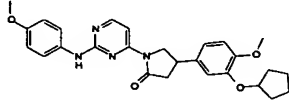
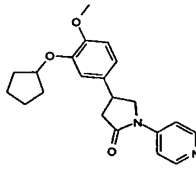
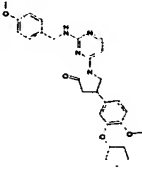
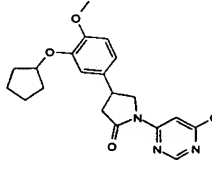
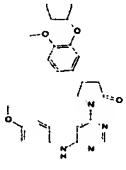
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
7		MS <i>m/z</i> : 381.2 (M + 1).
8		MS <i>m/z</i> : 381.2 (M + 1).
9		MS <i>m/z</i> : 475.2 (M + 1).
10		¹ HNMR (CDCl ₃): δ 8.68 (2H, brs), 7.67 (2H, brs), 6.84 (1H, d, J = 8.1 Hz), 6.80 (1H, d, J = 8.0 Hz), 6.78 (1H, s), 4.76 (1H, m), 4.17 (1H, t, J = 8.4 Hz), 3.83 (3H, s), 3.80 (1H, t, J = 8.3 Hz), 3.64 (1H, m), 3.02 (1H, q, J = 8.6 Hz), 2.80 (1H, q, J = 8.5 Hz), 1.82-1.91 (6H, m), 1.60-1.62 (2H, brs). MS <i>m/z</i> : 353.1 (M + 1).
11		MS <i>m/z</i> : 489.2 (M + 1).
12		MS <i>m/z</i> : 388.1 (M + 1).
13		MS <i>m/z</i> : 475.2 (M + 1).

FIG. 1C

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
14		MS <i>m/z</i> : 368.1 (M + 1).
15		MS <i>m/z</i> : 431.0 (M + 1).
16		MS <i>m/z</i> : 411.1 (M + 1).
17		MS <i>m/z</i> : 403.2 (M + 1).
18		¹ H NMR (DMSO- <i>d</i> ₆): 8.99 (s, 1H), 8.30 (s, 1H), 8.15 (d, 1H, <i>J</i> = 8.3 Hz), 7.96 (s, 1H), 7.61 (t, 1H, <i>J</i> = 8.0), 7.53 (d, 1H, <i>J</i> = 7.7 Hz), 7.08 (s, 1H), 6.99-6.86 (m, 2H), 4.79 (brs, 1H), 4.21 (t, 1H, <i>J</i> = 8.8 Hz), 3.87 (t, 1H, <i>J</i> = 9.2 Hz), 3.71 (s, 3H), 3.68-3.63 (m, 1H), 2.89 (dd, 1H, <i>J</i> = 8.5, 16.7 Hz), 2.77 (dd, 1H, <i>J</i> = 9.6, 16.7 Hz), 1.86 (brs, 2H), 1.69 (brs, 2H), 1.54 (brs, 2H). MS <i>m/z</i> 494.2 (M + 1).
19		MS <i>m/z</i> 430.1 (M + 1).
20		MS <i>m/z</i> 414.1 (M + 1).

FIG. 1D

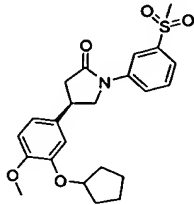
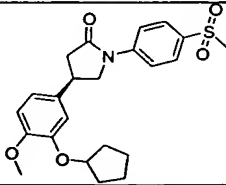
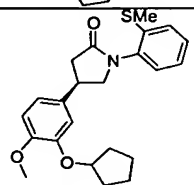
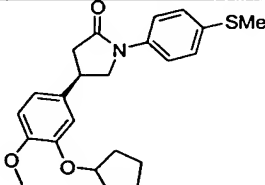
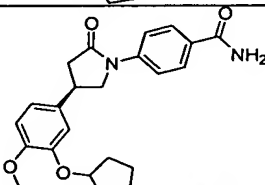
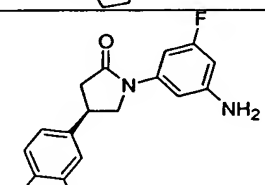
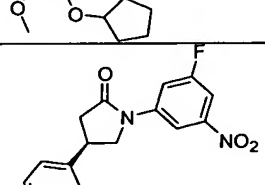
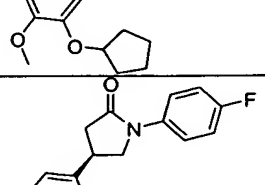
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
21		¹ H NMR (CDCl ₃): 8.12 (d, 1H, J = 7.8 Hz), 7.73-7.69 (m, 1H), 7.60-7.56 (m, 1H), 7.34 (brs, 1H), 6.99-6.85 (m, 3H), 4.80 (brs, 1H), 4.26 (brs, 1H), 3.84-3.75 (m, 4H), 3.66 (brs, 1H), 3.22 (s, 3H), 2.98-2.92 (m, 1H), 2.77 (dd, 1H, J = 9.7, 16.9 Hz), 1.90-1.77 (m, 6H), 1.63-1.60 (m, 2H).
22		MS <i>m/z</i> 430.1 (M + 1).
23		MS <i>m/z</i> 398.1 (M + 1).
24		MS <i>m/z</i> 398.1 (M + 1).
25		MS <i>m/z</i> 395.1 (M + 1).
26		MS <i>m/z</i> 385.2 (M + 1).
27		MS <i>m/z</i> 415.1 (M + 1).
28		MS <i>m/z</i> 370.1 (M + 1).

FIG. 1E

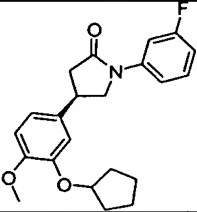
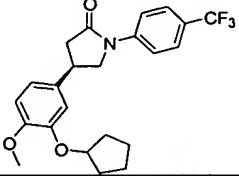
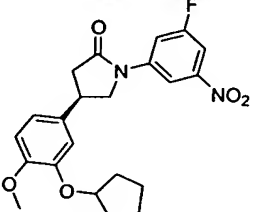
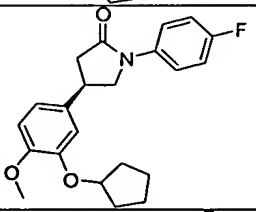
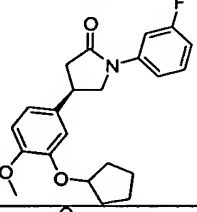
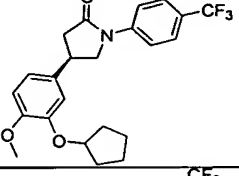
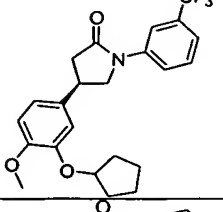
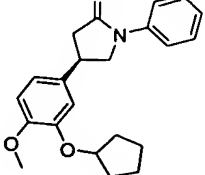
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
29		MS <i>m/z</i> 370.1 (M + 1).
30		MS <i>m/z</i> 420.2 (M + 1).
31		MS <i>m/z</i> 415.1 (M + 1).
32		MS <i>m/z</i> 370.1 (M + 1).
33		MS <i>m/z</i> 370.1 (M + 1).
34		MS <i>m/z</i> 420.2 (M + 1).
35		MS <i>m/z</i> 420.2 (M + 1).
36		MS <i>m/z</i> 352.1 (M + 1).

FIG. 1F

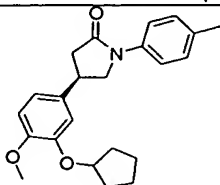
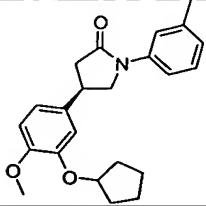
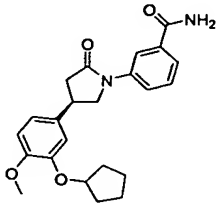
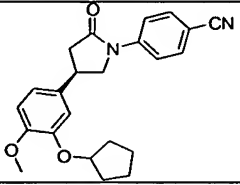
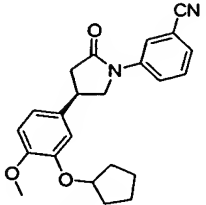
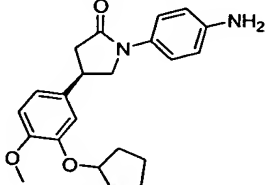
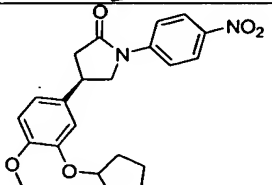
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
37		MS <i>m/z</i> 366.2 (M + 1).
38		MS <i>m/z</i> 366.2 (M + 1).
39		¹ H NMR (CDCl ₃): 8.01 (brs, 1H), 7.90 (dd, 1H, J = 1.5, 8.1 Hz), 7.58 (d, 1H, J = 7.7 Hz), 7.46 (t, 1H, J = 8.0 Hz), 6.86-6.80 (m, 3H), 6.24 (brs, 1H), 5.68 (brs, 1H), 4.79-4.75 (m, 1H), 4.21 (dd, 1H, J = 8.3, 9.4 Hz), 3.90 (dd, 1H, J = 7.6, 9.4 Hz), 3.84 (s, 3H), 3.69-3.61 (m, 1H), 3.01 (dd, 1H, J = 8.7, 17.0 Hz), 2.79 (dd, 1H, J = 8.9, 17.0 Hz), 1.96-1.82 (m, 6H), 1.65-1.59 (m, 2H).
40		MS <i>m/z</i> 377.1 (M + 1).
41		¹ H NMR (CDCl ₃): 7.97-7.95 (m, 2H), 7.50-7.42 (m, 2H), 6.86-6.78 (m, 3H), 4.77 (brs, 1H), 4.17 (dd, 1H, J = 8.1, 9.3 Hz), 3.85-3.81 (m, 4H), 3.66 (t, 1H, J = 8.1 Hz), 3.02 (dd, 1H, J = 8.7, 17.2 Hz), 2.80 (dd, 1H, J = 8.9, 17.2 Hz), 1.63-1.60 (m, 2H), 1.92-1.83 (m, 6H). MS <i>m/z</i> 377.1 (M + 1).
42		MS <i>m/z</i> 367.1 (M + 1).
43		MS <i>m/z</i> 397.1 (M + 1).

FIG. 1G

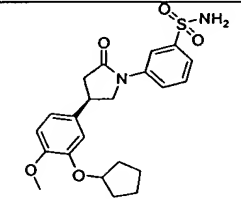
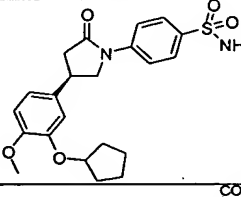
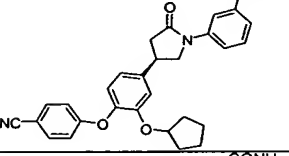
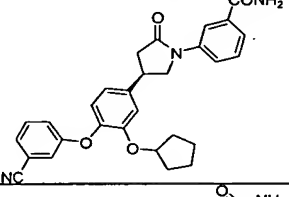
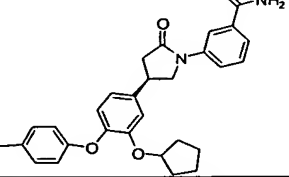
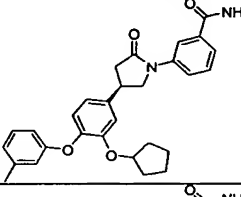
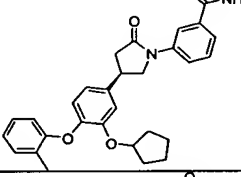
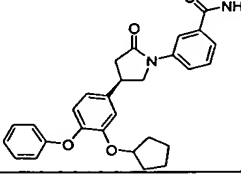
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
44		MS m/z 431.20 (M + 1).
45		MS m/z 431.20 (M + 1).
46		MS m/z 482.2 (M + 1).
47		MS m/z 482.2 (M + 1).
48		MS m/z 403.1 (M + 1).
49		MS m/z 403.1 (M + 1).
50		MS m/z 403.1 (M + 1).
51		MS m/z 389.1 (M + 1).

FIG. 1H

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
52		MS m/z 490.20 (M + 1).
53		MS m/z 476.2 (M + 1).
54		MS m/z 420.2 (M + 1).
55		MS m/z 363.20 (M + 1).
56		MS m/z 381.2 (M + 1).
57		MS m/z 471.2 (M + 1).
58		MS m/z 424.2 (M + 1).
59		¹ H NMR (CDCl ₃): 8.08 (s, 1H), 7.93 (d, 1H, J = 14.5 Hz), 7.58 (d, 1H, J = 7.6 Hz), 7.46 (t, 1H, J = 7.9 Hz), 6.86 (d, 1H, J = 8.0 Hz), 6.79-6.76 (m, 2H), 6.24 (brs, 1H), 5.68 (brs, 1H), 4.77 (brs, 1H), 4.32-4.26 (m, 1H), 4.21 (t, 1H, J = 8.9 Hz), 3.90 (t, 1H, J = 7.8 Hz), 3.68-3.60 (m, 1H), 3.01 (dd, 1H, J = 8.7, 17.0 Hz), 2.79 (dd, 1H, J = 9.0, 17.0 Hz), 2.03-1.96 (m, 2H), 1.87-1.58 (m, 16H), 1.58-1.39 (m, 2H).

FIG. 11

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
60		MS <i>m/z</i> 449.2 (M + 1).
61		¹ H NMR (CDCl ₃): 8.08, (s, 1H), 7.88 (d, 1H, J = 8.0 Hz), 7.59 (d, 1H, J = 7.6 Hz), 7.46 (t, 1H, J = 8.0 Hz), 6.88 (d, 1H, J = 8.0 Hz), 6.80-6.77 (m, 2H), 6.27 (brs, 1H), 5.62 (brs, 1H), 4.79 (brs, 1H), 4.21 (t, 1H, J = 8.7 Hz), 3.90 (t, 1H, J = 7.8), 3.82 (d, 2H, J = 6.8), 3.69-3.60 (m, 1H), 3.01 (dd, 1H, J = 8.7, 17.0 Hz), 2.79 (dd, 1H, J = 9.0, 17.0 Hz), 1.87-1.84 (m, 6H), 1.55-1.68 (m, 2H), 1.29-1.25 (m, 3H), 0.60 (dd, 2H, J = 5.9, 12.8 Hz), 0.33 (dd, 2H, J = 4.6, 10.3 Hz).
62		MS <i>m/z</i> 423.2 (M + 1).
63		MS <i>m/z</i> 409.2 (M + 1).
64		MS <i>m/z</i> 459.3 (M + 1).
65		MS <i>m/z</i> 431.2 (M + 1).
66		MS <i>m/z</i> 417.2 (M + 1).

FIG. 1J

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
67		MS m/z 405.2 (M + 1).
68		MS m/z 391.20 (M + 1).
69		MS m/z: 438.2 (M + 1).
70		MS m/z: 486.2 (M + 1).
71		MS m/z: 516.2 (M + 1).
72		¹ H NMR (CDCl ₃): δ 8.39 (1H, brs), 8.10 (1H, brs), 7.80 (1H, s), 7.79 (1H, d, J = 7.2 Hz), 7.72 (1H, d, J = 7.2 Hz), 7.63 (1H, s), 7.34 (1H, t, J = 6.8 Hz), 7.11 (1H, t, J = 6.9 Hz), 6.91-6.96 (2H, m), 6.83-6.85 (3H, m), 4.80 (1H, brs), 4.13 (1H, t, J = 8.1 Hz), 3.88 (1H, t, J = 8.1 Hz), 3.85 (3H, s), 3.70 (1H, m), 3.04 (1H, q, J = 8.2 Hz), 2.88 (1H, q, J = 8.2 Hz), 1.96 (8H, m) ppm. MS m/z: 531.2 (M + 1).
73		MS m/z: 496.2 (M + 1).

FIG. 1K

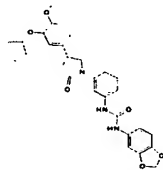
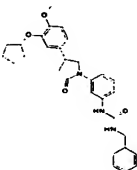
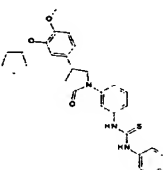
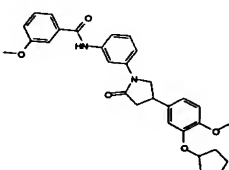
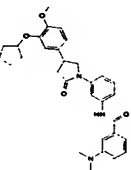
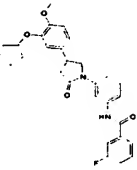
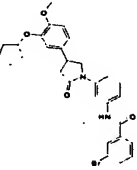
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
74		MS <i>m/z</i> : 530.2 (M + 1).
75		MS <i>m/z</i> : 500.2 (M + 1).
76		MS <i>m/z</i> : 502.2 (M + 1).
77		MS <i>m/z</i> : 501.2 (M + 1).
78		¹ H NMR (CDCl ₃): δ 8.05 (1H, brs), 7.91 (1H, brs), 7.41 (1H, m), 7.10-7.28 (5H, m), 7.13 (1H, m), 6.79-6.83 (3H, m), 4.77 (1H, m), 4.21 (1H, t, J = 8.1 Hz), 3.83 (1H, t, J = 8.1 Hz), 3.61 (1H, m), 2.98 (3H, s), 2.96 (1H, q, J = 8.2 Hz), 2.75 (1H, q, J = 8.1 Hz), 1.91-1.99 (8H, m) ppm. MS <i>m/z</i> : 514.2 (M + 1).
79		MS <i>m/z</i> : 489.2 (M + 1).
80		MS <i>m/z</i> : 549.1 (M + 1).

FIG. 1L

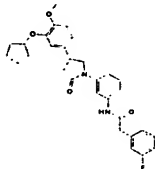
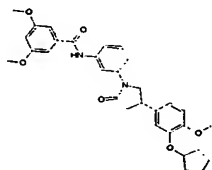
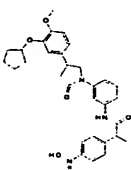
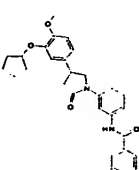
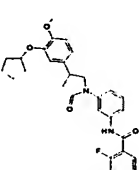
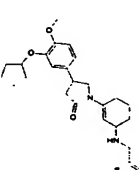
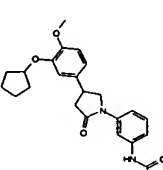
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
81		MS <i>m/z</i> : 503.2 (M + 1).
82		MS <i>m/z</i> : 531.2 (M + 1).
83		MS <i>m/z</i> : 544.2 (M + 1).
84		MS <i>m/z</i> : 505.2 (M + 1).
85		MS <i>m/z</i> : 507.2 (M + 1).
86		MS <i>m/z</i> : 477.1 (M + 1).
87		MS <i>m/z</i> : 409.2(M + 1).

FIG. 1M

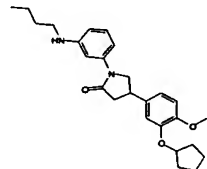
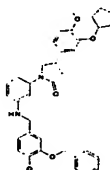
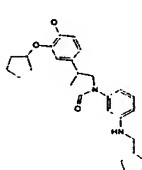
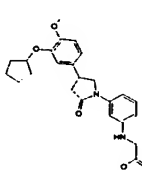
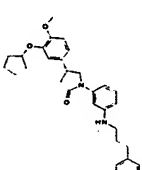
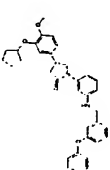
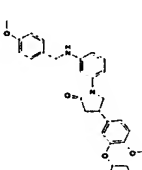
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
88		MS <i>m/z</i> : 423.2 (M + 1).
89		MS <i>m/z</i> : 593.2 (M + 1).
90		MS <i>m/z</i> : 451.2 (M + 1).
91		MS <i>m/z</i> : 447.2 (M + 1).
92		MS <i>m/z</i> : 485.2 (M + 1).
93		MS <i>m/z</i> : 581.2 (M + 1).
94		MS <i>m/z</i> : 487.2 (M + 1).

FIG. 1N

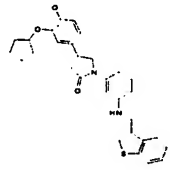
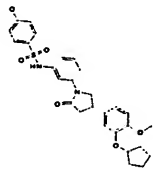
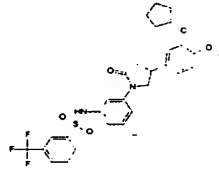
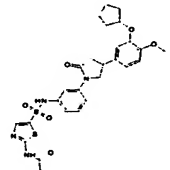
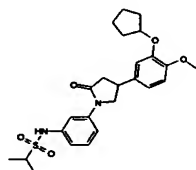
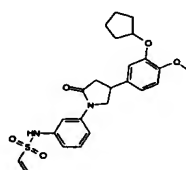
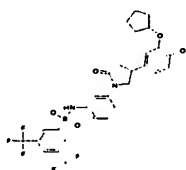
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
95		MS <i>m/z</i> : 513.2 (M + 1).
96		MS <i>m/z</i> : 537.1 (M + 1).
97		MS <i>m/z</i> : 575.1 (M + 1).
98		MS <i>m/z</i> : 585.1 (M + 1).
99		MS <i>m/z</i> : 473.2 (M + 1).
100		MS <i>m/z</i> : 457.1 (M + 1).
101		MS <i>m/z</i> : 642.1 (M + 1).

FIG. 10

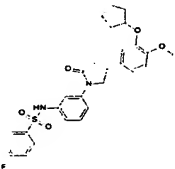
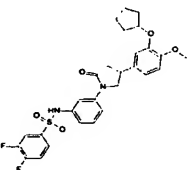
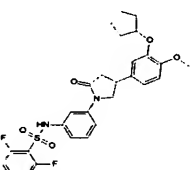
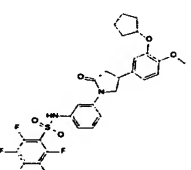
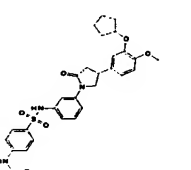
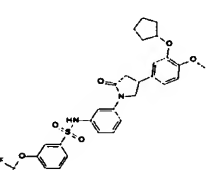
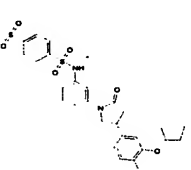
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
102		MS <i>m/z</i> : 524.1 (M + 1).
103		MS <i>m/z</i> : 543.1 (M + 1).
104		MS <i>m/z</i> : 543.1 (M + 1).
105		MS <i>m/z</i> : 597.1 (M + 1).
106		MS <i>m/z</i> : 564.2 (M + 1).
107		MS <i>m/z</i> : 691.1 (M + 1).
108		MS <i>m/z</i> : 585.1 (M + 1).

FIG. 1P

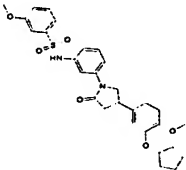
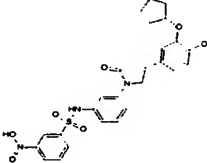
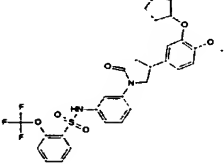
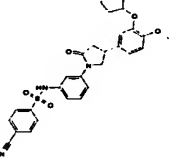
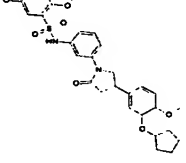
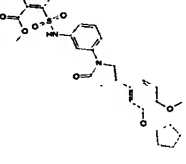
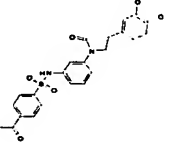
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
109		¹ H NMR (CDCl ₃): δ 7.70 (1H, brs), 7.37 (1H, d, J = 7.8 Hz), 7.19-7.29 (4H, m), 7.00 (2H, t, J = 7.6 Hz); 6.83 (1H, d, J = 8 Hz), 6.79 (1H, s), 6.79 (1H, d, J = 8 Hz), 4.76 (1H, brs), 4.11 (1H, t, J = 8.4 Hz), 3.83 (3H, s), 3.78 (1H, t, J = 8.4 Hz), 3.60 (1H, m), 3.02 (1H, q, J = 8.1 Hz), 2.85 (1H, q, J = 8.1 Hz), 1.61-1.88 (8H, m) ppm. MS <i>m/z</i> : 537.1 (M + 1).
110		MS <i>m/z</i> : 552.1 (M + 1).
111		MS <i>m/z</i> : 591.1 (M + 1).
112		MS <i>m/z</i> : 532.1 (M + 1).
113		MS <i>m/z</i> : 567.2 (M + 1).
114		MS <i>m/z</i> : 565.2 (M + 1).
115		MS <i>m/z</i> : 549.1 (M + 1).

FIG. 1Q

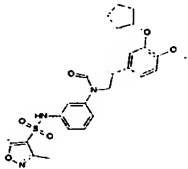
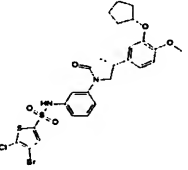
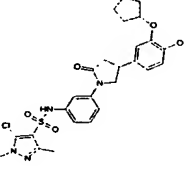
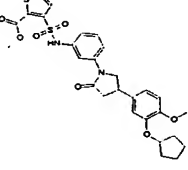
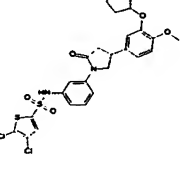
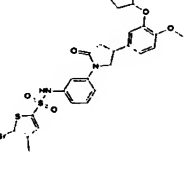
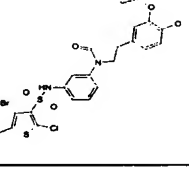
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
116		MS <i>m/z</i> : 526.1(M + 1).
117		MS <i>m/z</i> : 625.0 (M + 1).
118		MS <i>m/z</i> : 559.1(M + 1).
119		MS <i>m/z</i> : 571.1 (M + 1).
120		MS <i>m/z</i> : 581.0 (M + 1).
121		MS <i>m/z</i> : 668.9(M + 1).
122		MS <i>m/z</i> : 658.9 (M + 1).

FIG. 1R

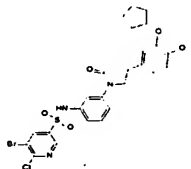
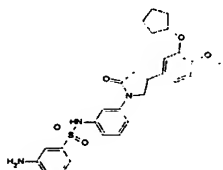
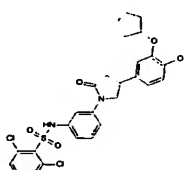
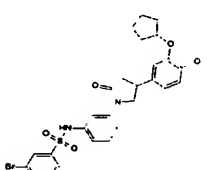
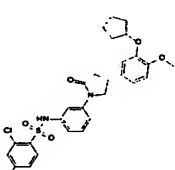
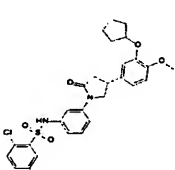
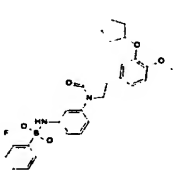
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
123		MS <i>m/z</i> : 620.0(M + 1).
124		MS <i>m/z</i> : 522.2 (M + 1).
125		MS <i>m/z</i> : 575.1 (M + 1).
126		MS <i>m/z</i> : 585.1 (M + 1).
127		MS <i>m/z</i> : 559.1 (M + 1).
128		MS <i>m/z</i> : 575.1 (M + 1).
129		MS <i>m/z</i> : 543.1 (M + 1).

FIG. 1S

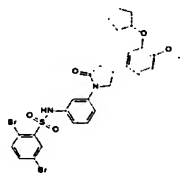
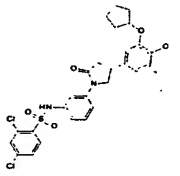
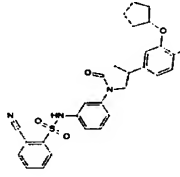
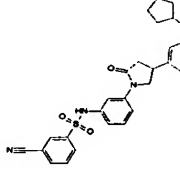
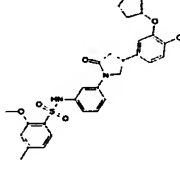
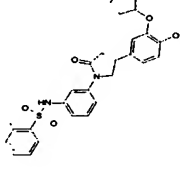
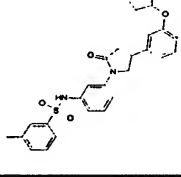
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
130		MS <i>m/z</i> : 663.0(M + 1).
131		MS <i>m/z</i> : 575.1 (M + 1).
132		MS <i>m/z</i> : 532.2 (M + 1).
133		MS <i>m/z</i> : 532.2 (M + 1).
134		MS <i>m/z</i> : 551.2 (M + 1).
135		MS <i>m/z</i> : 521.2 (M + 1).
136		MS <i>m/z</i> : 521.2 (M + 1).

FIG. 1T

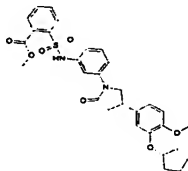
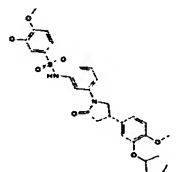
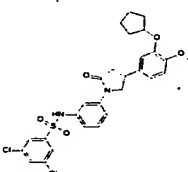
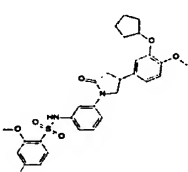
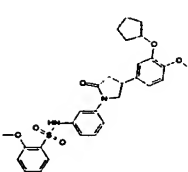
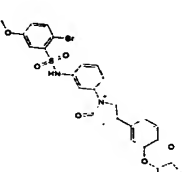
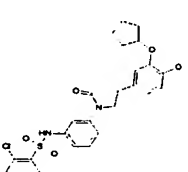
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
137		MS <i>m/z</i> : 565.2 (M + 1).
138		MS <i>m/z</i> : 567.2 (M + 1).
139		MS <i>m/z</i> : 575.1 (M + 1).
140		MS <i>m/z</i> : 571.1 (M + 1).
141		MS <i>m/z</i> : 551.2 (M + 1).
142		MS <i>m/z</i> : 615.1 (M + 1).
143		MS <i>m/z</i> : 541.1 (M + 1).

FIG. 1U

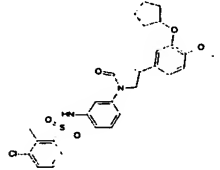
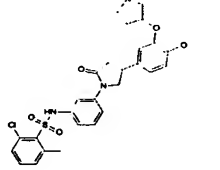
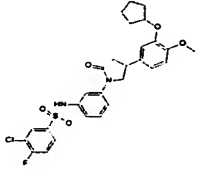
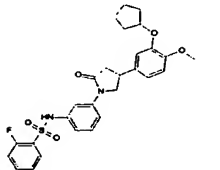
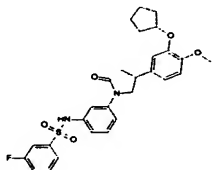
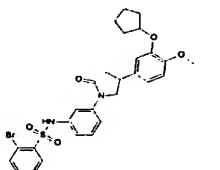
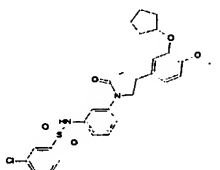
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
144		MS <i>m/z</i> : 555.1 (M + 1).
145		MS <i>m/z</i> : 555.1 (M + 1).
146		MS <i>m/z</i> : 559.1 (M + 1).
147		MS <i>m/z</i> : 525.1 (M + 1).
148		MS <i>m/z</i> : 525.1 (M + 1).
149		MS <i>m/z</i> : 585.1 (M + 1).
150		MS <i>m/z</i> : 541.1 (M + 1).

FIG. 1V

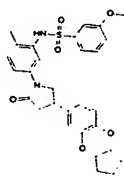
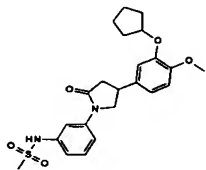
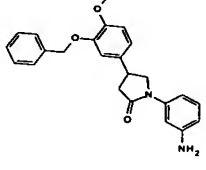
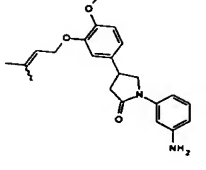
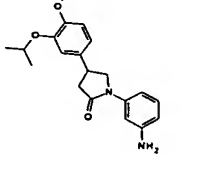
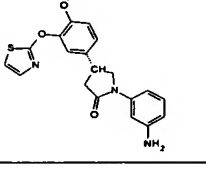
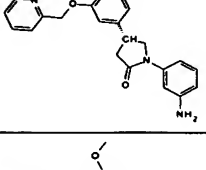
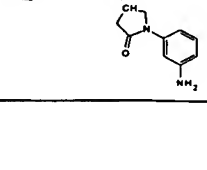
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
151		MS <i>m/z</i> : 537.1(M + 1).
152		MS <i>m/z</i> : 445.1(M + 1).
153		MS <i>m/z</i> 389.1 (M + 1).
154		MS <i>m/z</i> 367.2 (M + 1).
155		MS <i>m/z</i> 340.2 (M + 1).
156		MS <i>m/z</i> 382.1 (M + 1).
157		MS <i>m/z</i> 390.1 (M + 1).
158		MS <i>m/z</i> 390.1 (M + 1).

FIG. 1W

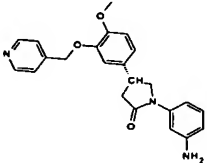
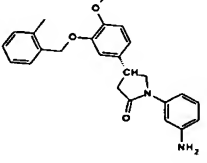
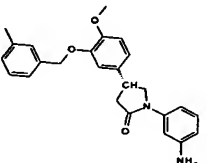
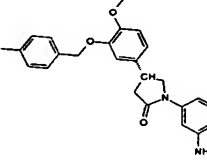
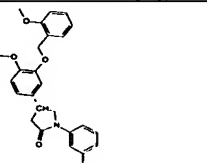
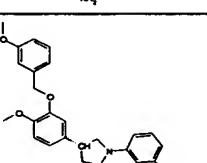
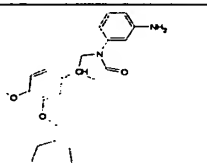
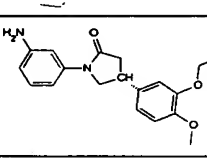
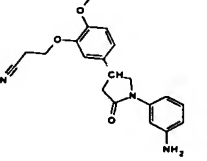
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
159		MS <i>m/z</i> 390.1 (M + 1).
160		MS <i>m/z</i> 403.2 (M + 1).
161		MS <i>m/z</i> 403.2 (M + 1).
162		MS <i>m/z</i> 403.2 (M + 1).
163		MS <i>m/z</i> 419.2 (M + 1).
164		MS <i>m/z</i> 419.2 (M + 1).
165		MS <i>m/z</i> 395.2 (M + 1).
166		MS <i>m/z</i> 434.1 (M + 1).
167		MS <i>m/z</i> 352.1 (M + 1).

FIG. 1X

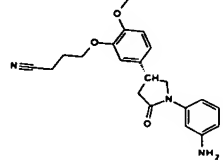
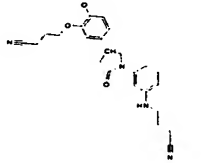
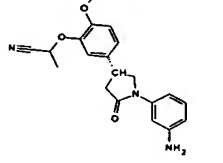
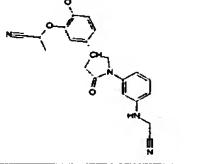
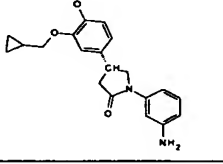
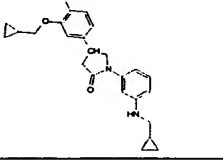
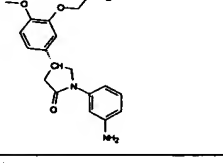
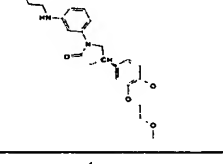
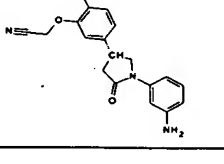
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
168		MS <i>m/z</i> 366.1 (M + 1).
169		MS <i>m/z</i> 433.2 (M + 1).
170		MS <i>m/z</i> 352.1 (M + 1).
171		MS <i>m/z</i> 405.2 (M + 1).
172		MS <i>m/z</i> 353.2 (M + 1).
173		MS <i>m/z</i> 407.2 (M + 1).
174		MS <i>m/z</i> 371.2 (M + 1).
175		MS <i>m/z</i> 443.2 (M + 1).
176		MS <i>m/z</i> 338.1 (M + 1).

FIG. 1Y

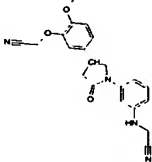
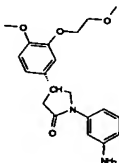
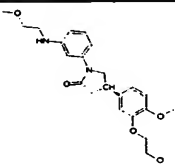
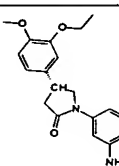
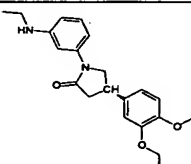
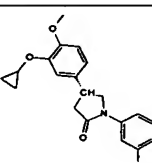
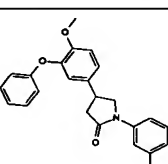
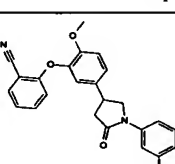
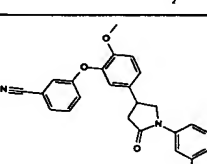
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
177		MS <i>m/z</i> 377.1 (M + 1).
178		MS <i>m/z</i> 356.1 (M + 1).
179		MS <i>m/z</i> 415.2 (M + 1).
180		MS <i>m/z</i> 327.1 (M + 1).
181		MS <i>m/z</i> 355.2 (M + 1).
182		MS <i>m/z</i> 407.2 (M + 1).
183		MS <i>m/z</i> 375.1 (M + 1).
184		MS <i>m/z</i> 400.1 (M + 1).
185		MS <i>m/z</i> 400.1 (M + 1).

FIG. 1Z

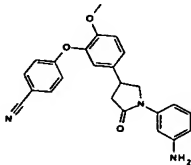
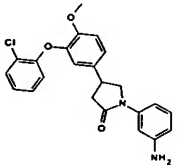
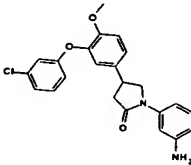
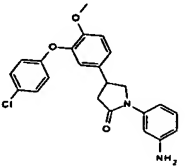
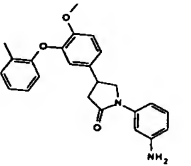
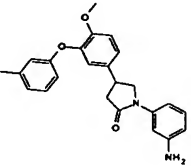
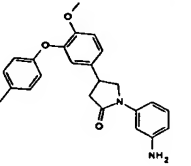
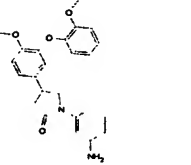
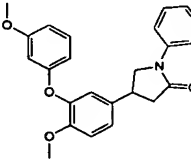
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
186		MS <i>m/z</i> 400.1 (M + 1).
187		MS <i>m/z</i> 409.1 (M + 1).
188		MS <i>m/z</i> 409.1 (M + 1).
189		MS <i>m/z</i> 409.1 (M + 1).
190		MS <i>m/z</i> 389.1 (M + 1).
191		MS <i>m/z</i> 389.1 (M + 1).
192		MS <i>m/z</i> 389.1 (M + 1).
193		MS <i>m/z</i> 405.1 (M + 1).
194		MS <i>m/z</i> 405.1 (M + 1).

FIG. 1BA

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
195		MS <i>m/z</i> 405.1 (M + 1).
196		MS <i>m/z</i> 443.1 (M + 1).
197		MS <i>m/z</i> 443.1 (M + 1).
198		MS <i>m/z</i> 443.1 (M + 1).
199		MS <i>m/z</i> 459.1 (M + 1).
200		MS <i>m/z</i> 459.1 (M + 1).
201		MS <i>m/z</i> 434.1 (M + 1).
202		MS <i>m/z</i> 434.1 (M + 1).
203		MS <i>m/z</i> 419.2 (M + 1).

FIG. 1BB

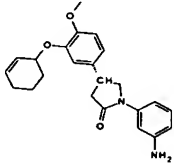
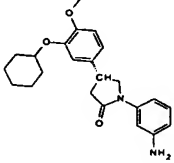
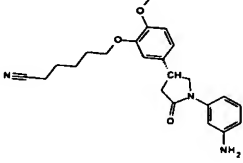
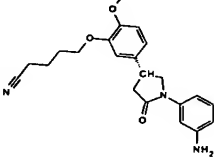
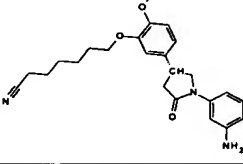
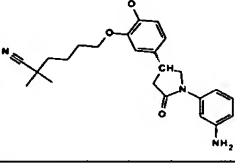
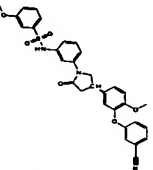
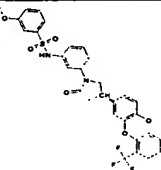
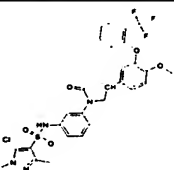
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
204		MS <i>m/z</i> 379.2 (M + 1).
205		MS <i>m/z</i> 381.2 (M + 1).
206		MS <i>m/z</i> 394.2 (M + 1).
207		MS <i>m/z</i> 380.2 (M + 1).
208		MS <i>m/z</i> 408.2 (M + 1).
209		MS <i>m/z</i> 422.2 (M + 1).
210		MS <i>m/z</i> 570.1 (M + 1).
211		MS <i>m/z</i> 613.1 (M + 1).
213		MS <i>m/z</i> 635.1 (M + 1).

FIG. 1BC

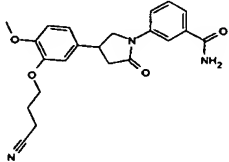
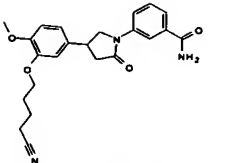
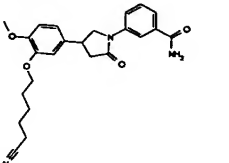
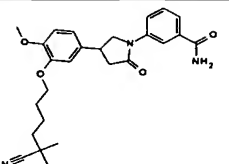
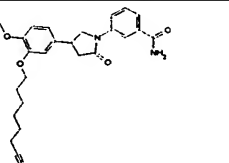
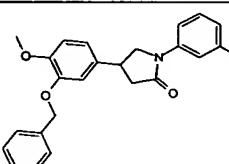
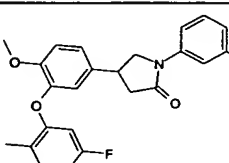
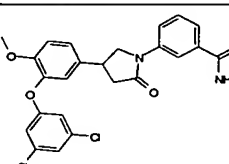
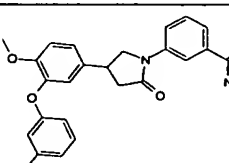
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
214		MS <i>m/z</i> 394.1 (M + 1).
215		MS <i>m/z</i> 408.1 (M + 1).
216		MS <i>m/z</i> 422.2 (M + 1).
217		MS <i>m/z</i> 450.2 (M + 1).
218		MS <i>m/z</i> 436.2 (M + 1).
219		MS <i>m/z</i> 417.1 (M + 1).
220		MS <i>m/z</i> 435.1 (M + 1).
221		MS <i>m/z</i> 470.1 (M + 1).
222		MS <i>m/z</i> 416.1 (M + 1).

FIG. 1BD

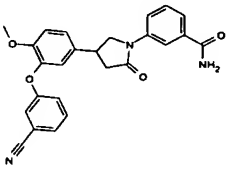
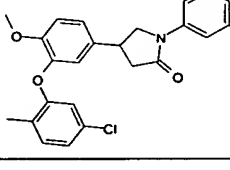
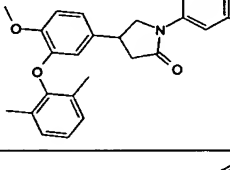
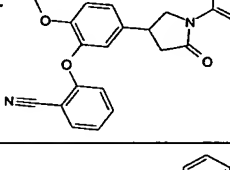
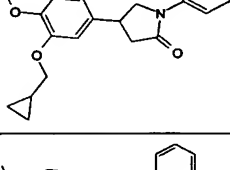
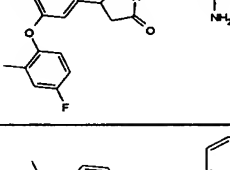
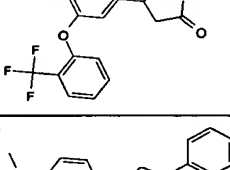
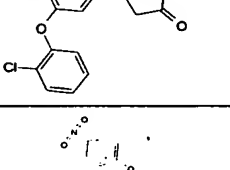
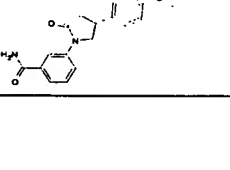
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
223		MS <i>m/z</i> 428.1 (M + 1).
224		MS <i>m/z</i> 451.1 (M + 1).
225		MS <i>m/z</i> 431.2 (M + 1).
226		MS <i>m/z</i> 428.1 (M + 1).
227		MS <i>m/z</i> 381.2 (M + 1).
228		MS <i>m/z</i> 434.2 (M + 1).
229		MS <i>m/z</i> 471.1 (M + 1).
230		MS <i>m/z</i> 437.1 (M + 1).
231		MS <i>m/z</i> 448.1 (M + 1).

FIG. 1BE

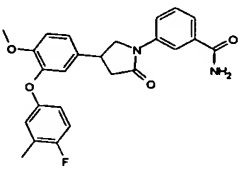
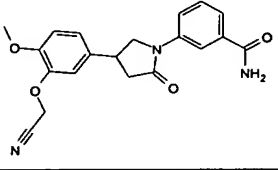
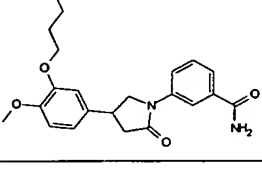
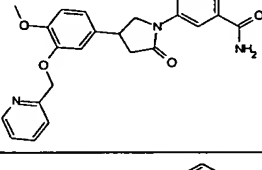
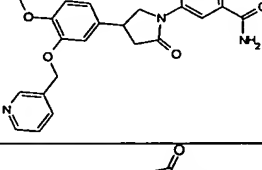
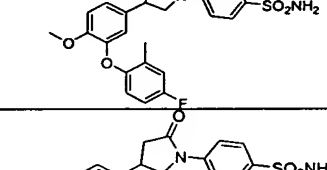
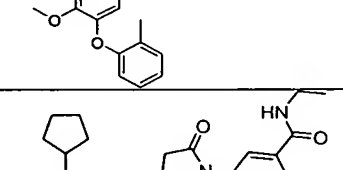
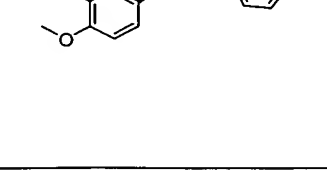
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
232		MS <i>m/z</i> 434.1 (M + 1).
233		MS <i>m/z</i> 366.1 (M + 1).
234		MS <i>m/z</i> 383.2 (M + 1).
235		MS <i>m/z</i> 418.2 (M + 1).
236		MS <i>m/z</i> 418.2 (M + 1).
237		MS <i>m/z</i> 471.1 (M + 1).
238		MS <i>m/z</i> 453.1 (M + 1).
239		MS <i>m/z</i> 423.1 (M + 1)

FIG. 1BF

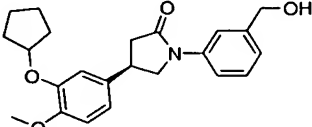
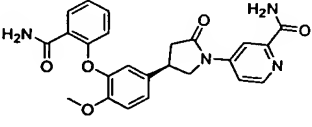
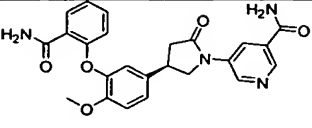
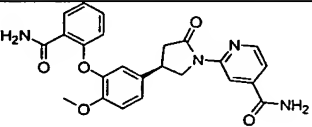
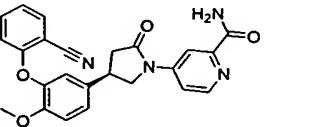
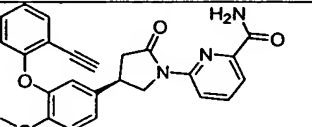
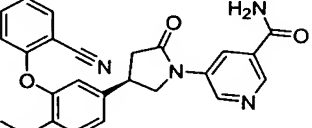
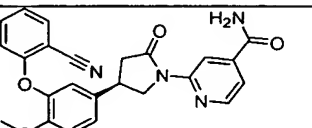
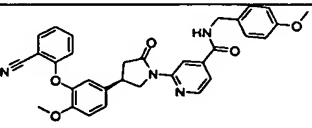
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
240		MS <i>m/z</i> 382.1 (M + 1)
241		MS <i>m/z</i> 447.1 (M + 1)
242		MS <i>m/z</i> 447.1 (M + 1)
243		MS <i>m/z</i> 447.1 (M + 1)
244		MS <i>m/z</i> 429.1 (M + 1).
245		¹ H NMR 400 MHz (CDCl ₃) δ 8.60 (d, 1H), 7.97 (d, 1H), 7.89 (t, 1H), 7.62 (dd, 1H), 7.55 (b, 1H), 7.40 (td, 1H), 7.16 (dd, 1H), 7.09 (m, 2H), 7.02 (d, 1H), 6.76 (d, 1H), 4.54 (dd, 1H), 4.04 (dd, 1H), 3.78 (s, 3H), 3.67 (m, 1H), 3.08 (dd, 1H), 2.84 (dd, 1H); MS <i>m/z</i> 429.1 (M + 1).
246		MS <i>m/z</i> 429.1 (M + 1).
247		MS <i>m/z</i> 429.1 (M + 1).
248		MS <i>m/z</i> 549.2 (M + 1)

FIG. 1BG

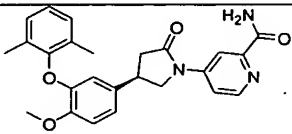
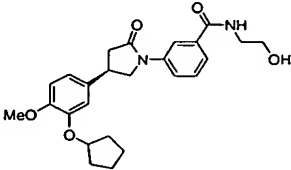
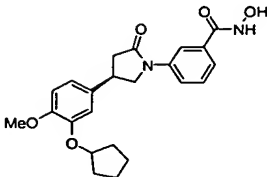
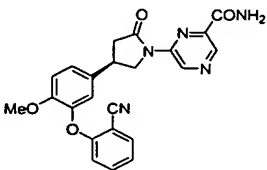
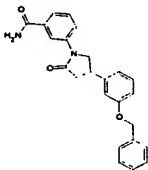
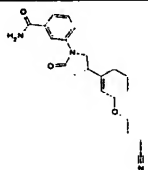
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
249		MS <i>m/z</i> 432.1 (M + 1)
250		MS <i>m/z</i> 439.5 (M + 1).
251		MS <i>m/z</i> 411.1 (M + 1).
252		¹ H NMR 400 MHz (CDCl ₃) δ 8.89 (s, 1H), 7.89 (s, 1H), 7.64 (dd, 1H), 7.43 (ddd, 1H), 7.18-7.00 (m, 4H), 6.67 (d, 1H), 4.48 (dd, 1H), 3.94 (dd, 1H), 3.78 (s, 3H), 3.68 (m, 1H), 3.08 (dd, 1H), 2.84 (dd, 1H); MS <i>m/z</i> 430.1 (M + 1).
253		MS <i>m/z</i> 387.1 (M + 1).
254		MS <i>m/z</i> 364 (M + 1).

FIG. 1BH

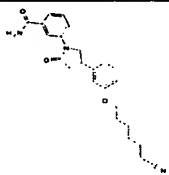
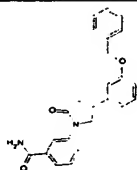
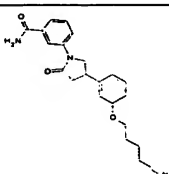
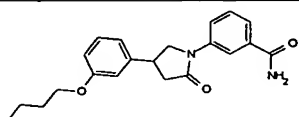
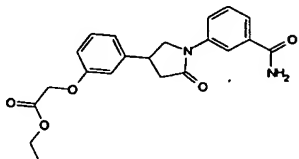
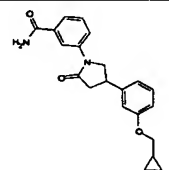
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
255		MS <i>m/z</i> 406.2).
256		MS <i>m/z</i> 401.2 (M + 1).
257		MS <i>m/z</i> 378.1 (M+1).
258		MS <i>m/z</i> 353.2 (M + 1).
259		MS <i>m/z</i> 383.2 (M + 1).
260		MS <i>m/z</i> 351.1 (M + 1).

FIG. 1B1

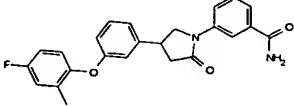
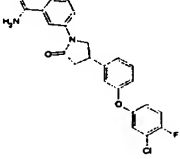
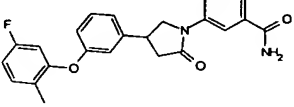
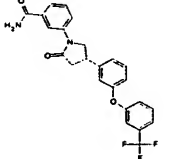
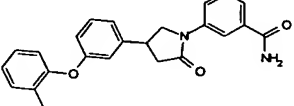
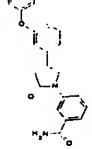
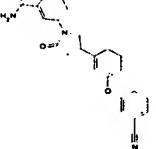
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
261		MS <i>m/z</i> 405.1 (M + 1).
262		MS <i>m/z</i> 425.1 (M + 1).
263		MS <i>m/z</i> 405.1 (M + 1).
264		MS <i>m/z</i> 441.1 (M + 1).
265		MS <i>m/z</i> 387.1 (M + 1).
266		MS <i>m/z</i> 387.1 (M + 1).
267		MS <i>m/z</i> 398.1 (M + 1).

FIG. 1BJ

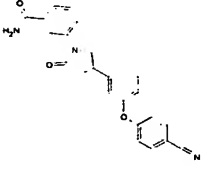
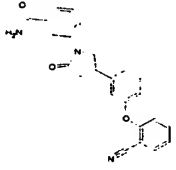
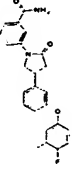
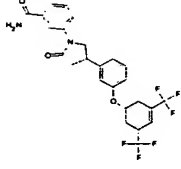
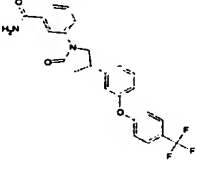
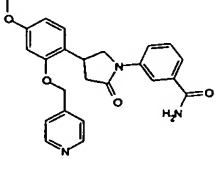
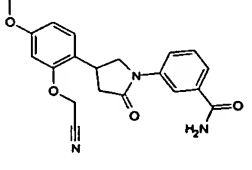
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
268		MS <i>m/z</i> 398.1 (M + 1).
269		MS <i>m/z</i> 398.1 (M + 1).
270		MS <i>m/z</i> 405.1 (M + 1).
271		MS <i>m/z</i> 509.1 (M + 1).
272		MS <i>m/z</i> 441.1 (M + 1).
273		MS <i>m/z</i> 418.1 (M + 1).
274		MS <i>m/z</i> 366.1 (M + 1).

FIG. 1BK

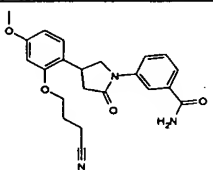
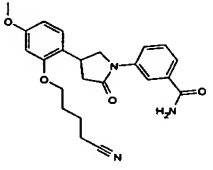
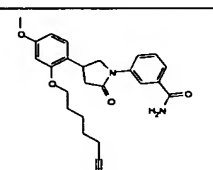
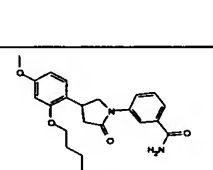
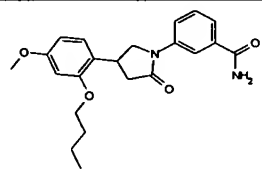
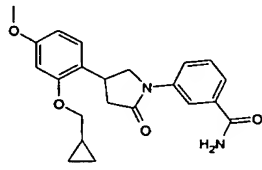
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
275		MS <i>m/z</i> 394.1 (M + 1).
276		MS <i>m/z</i> 408.4 (M + 1).
277		MS <i>m/z</i> 422.2 (M + 1).
278		MS <i>m/z</i> 436.2 (M + 1).
279		MS <i>m/z</i> 383.2 (M + 1).
280		MS <i>m/z</i> 381.1 (M + 1).

FIG. 1BL

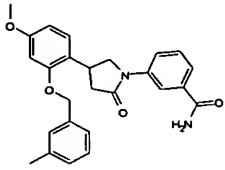
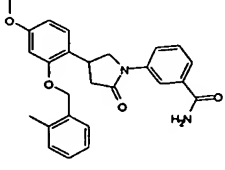
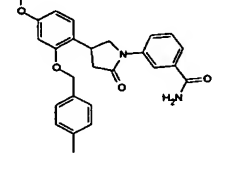
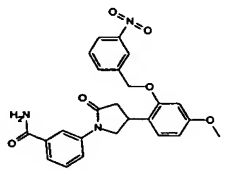
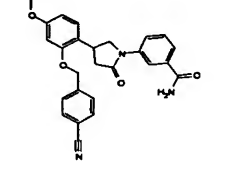
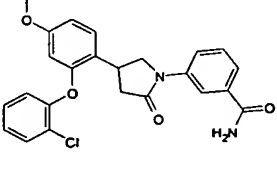
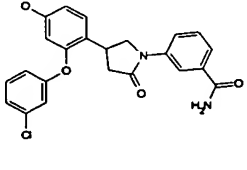
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
281		MS <i>m/z</i> 431.1 (M + 1).
282		MS <i>m/z</i> 431.1 (M + 1).
283		MS <i>m/z</i> 431.1 (M + 1).
284		MS <i>m/z</i> 462.1 (M + 1).
285		MS <i>m/z</i> 442.1 (M + 1).
286		MS <i>m/z</i> 437.1 (M + 1).
287		MS <i>m/z</i> 437.1 (M + 1).

FIG. 1BM

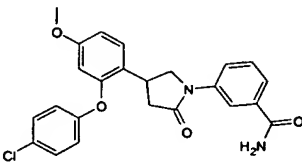
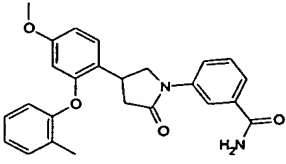
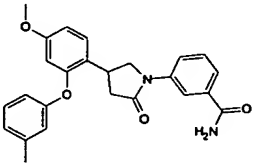
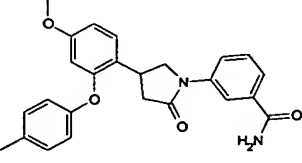
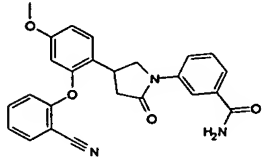
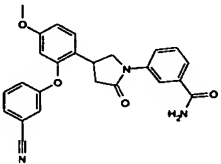
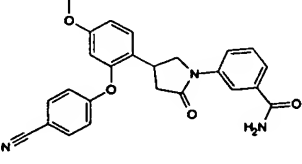
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
288		MS <i>m/z</i> 437.1 (M + 1).
289		MS <i>m/z</i> 417.1 (M + 1).
290		MS <i>m/z</i> 417.1 (M + 1).
291		MS <i>m/z</i> 417.1 (M + 1).
292		MS <i>m/z</i> 428.1 (M + 1).
293		MS <i>m/z</i> 428.1 (M + 1).
294		MS <i>m/z</i> 428.1 (M + 1).

FIG. 1BN

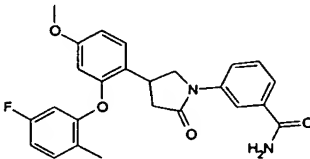
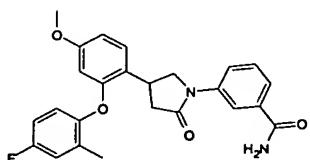
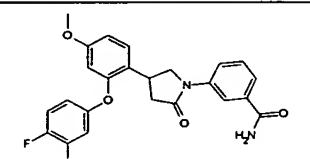
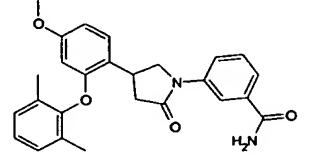
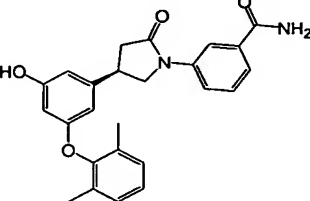
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
295		MS <i>m/z</i> 435.1 (M + 1).
296		MS <i>m/z</i> 435.1 (M + 1).
297		MS <i>m/z</i> 455.1 (M + 1).
298		MS <i>m/z</i> 431.1 (M + 1).
299		MS <i>m/z</i> 417.1 (M + 1).

FIG. 1BO

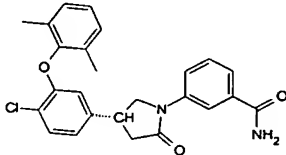
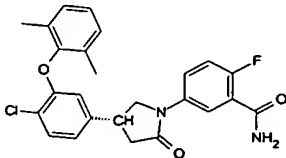
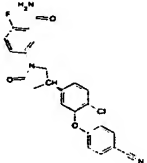
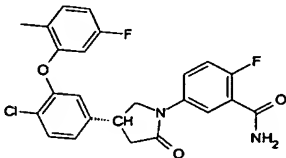
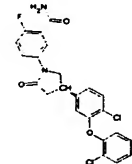
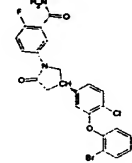
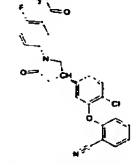
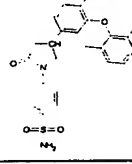
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
300		MS <i>m/z</i> : 435.1(M + 1).
301		MS <i>m/z</i> : 453.1(M + 1).
302		MS <i>m/z</i> : 450.1(M + 1).
303		MS <i>m/z</i> : 457.1(M + 1).
304		MS <i>m/z</i> : 459.1(M + 1).
305		MS <i>m/z</i> : 503.0(M + 1).
306		MS <i>m/z</i> : 450.1(M + 1).
307		MS <i>m/z</i> : 435.1(M + 1).

FIG. 1BP

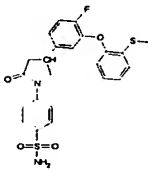
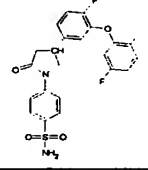
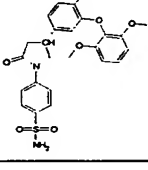
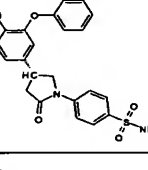
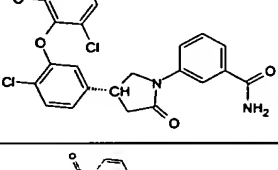
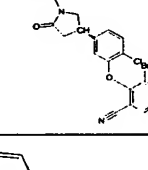
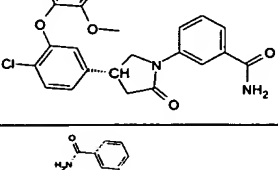
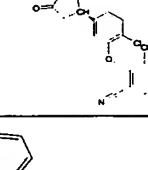
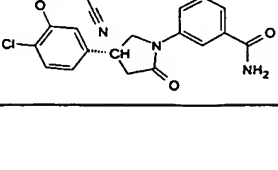
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
308		MS <i>m/z</i> : 473.1 (M + 1).
309		MS <i>m/z</i> : 459.1 (M + 1).
310		MS <i>m/z</i> : 503.1 (M + 1).
311		MS <i>m/z</i> : 503.1 (M + 1).
312		MS <i>m/z</i> : 471.0 (M + 1).
313		MS <i>m/z</i> : 510.0 (M + 1).
314		MS <i>m/z</i> : 467.1 (M + 1).
315		MS <i>m/z</i> : 466.0 (M + 1).
316		MS <i>m/z</i> : 462.1 (M + 1).

FIG. 1BQ

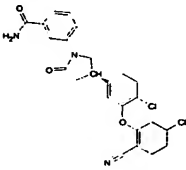
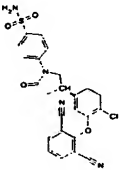
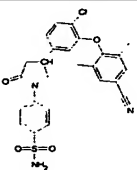
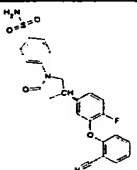
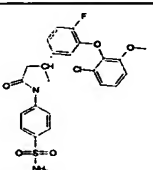
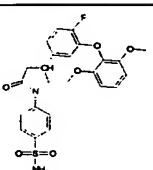
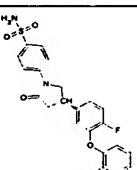
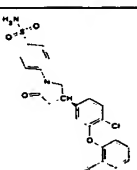
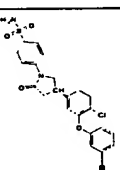
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
317		MS <i>m/z</i> : 466.0 (M + 1).
318		MS <i>m/z</i> : 493.0 (M + 1).
319		MS <i>m/z</i> : 496.1 (M + 1).
320		MS <i>m/z</i> : 452.1 (M + 1).
321		MS <i>m/z</i> : 491.1 (M + 1).
322		MS <i>m/z</i> : 487.1 (M + 1).
323		MS <i>m/z</i> : 505.0 (M + 1).
324		MS <i>m/z</i> : 468.0 (M + 1).
325		MS <i>m/z</i> : 468.0 (M + 1).

FIG. 1BR

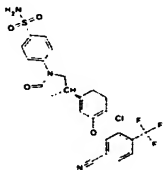
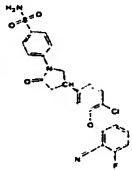
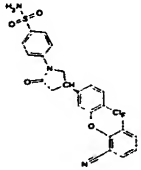
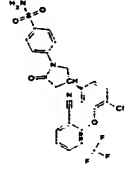
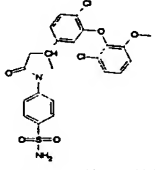
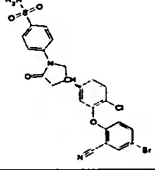
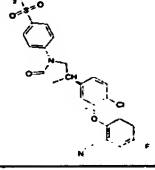
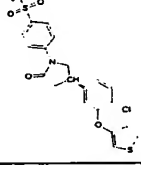
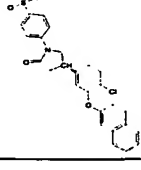
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
326		MS m/z: 536.0 (M + 1).
327		MS m/z: 486.0 (M + 1).
328		MS m/z: 486.0 (M + 1).
329		MS m/z: 536.0 (M + 1).
330		MS m/z: 567.0 (M + 1).
331		MS m/z: 545.9 (M + 1).
332		MS m/z: 486.0 (M + 1).
333		MS m/z: 449.0 (M + 1).
334		MS m/z: 493.1 (M + 1).

FIG. 1BS

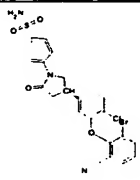
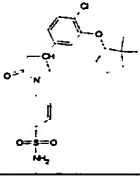
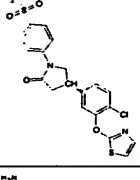
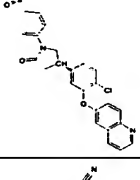
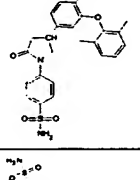
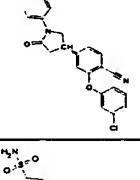
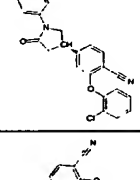
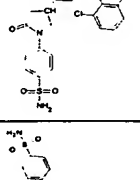
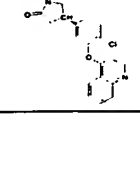
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
335		MS m/z: 545.9 (M + 1).
336		MS m/z: 463.1 (M + 1).
337		MS m/z: 450.0 (M + 1).
338		MS m/z: 494.1 (M + 1).
339		MS m/z: 462.1 (M + 1).
340		MS m/z: 468.0 (M + 1).
341		MS m/z: 468.0 (M + 1).
342		MS m/z: 482.1 (M + 1).
343		MS m/z: 494.1 (M + 1).

FIG. 1BT

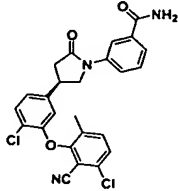
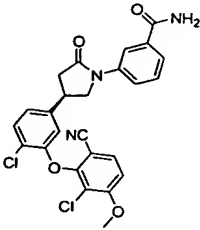
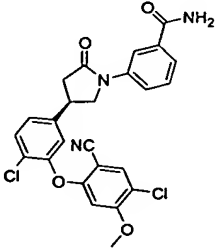
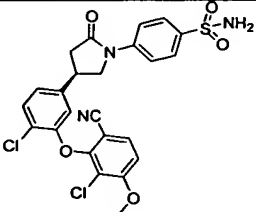
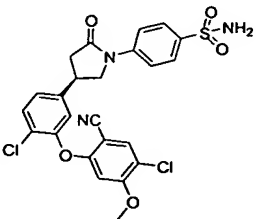
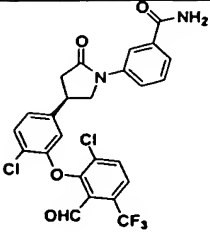
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
344		MS <i>m/z</i> 480.0 (M + 1).
345		MS <i>m/z</i> 496.0 (M + 1).
346		MS <i>m/z</i> 496.0 (M + 1).
347		MS <i>m/z</i> 532.0 (M + 1).
348		MS <i>m/z</i> 532.2 (M + 1).
349		MS <i>m/z</i> 536.95 (M + 1).

FIG. 1BU

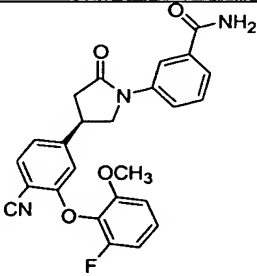
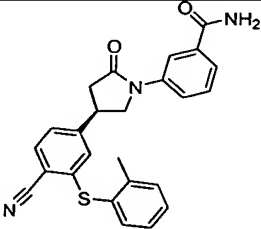
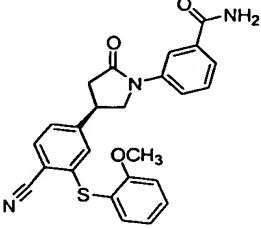
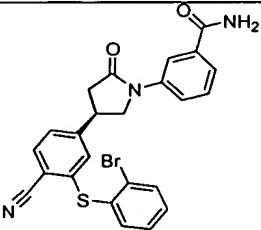
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
350		¹ H NMR (CDCl ₃): 7.88, (t, 1H), 7.88 (d, 1H, J = 8.0 Hz), 7.59 (d, 1H, J = 7.6 Hz), 7.46 (t, 1H, J = 8.0 Hz), 6.88 (d, 1H, J = 8.0 Hz), 6.80-6.77 (m, 2H), 6.27 (brs, 1H), 5.62 (brs, 1H), 4.79 (brs, 1H), 4.21 (t, 1H, J = 8.7 Hz), 3.90 (t, 1H, J = 7.8), 3.82 (d, 2H, J = 6.8), 3.69-3.60 (m, 1H), 3.01 (dd, 1H, J = 8.7, 17.0 Hz), 2.79 (dd, 1H, J = 9.0, 17.0 Hz), 1.87-1.84 (m, 6H), 1.55-1.68 (m, 2H), 1.29-1.25 (m, 3H), 0.60 (dd, 2H, J = 5.9, 12.8 Hz), 0.33 (dd, 2H, J = 4.6, 10.3 Hz). MS m/z 446.1 (M + 1).
351		MS m/z 428.10 (M + 1).
352		MS m/z 444.10 (M + 1).
353		MS m/z 492.0 (M + 1).

FIG. 1BV

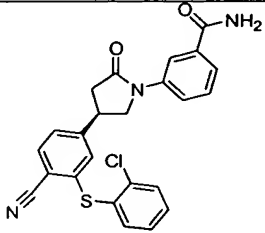
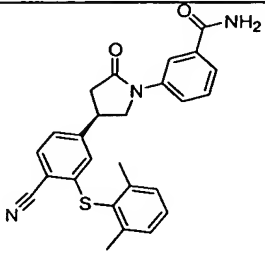
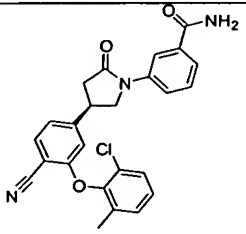
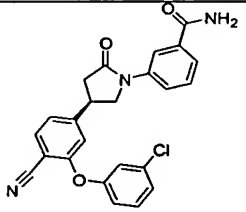
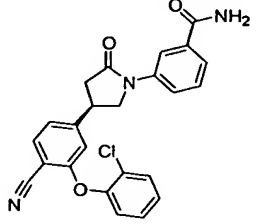
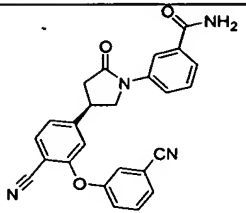
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
354		MS <i>m/z</i> 448.0 (M + 1).
355		MS <i>m/z</i> 442.10 (M + 1).
356		MS <i>m/z</i> 446.10 (M + 1).
357		MS <i>m/z</i> 432.05 (M + 1).
358		MS <i>m/z</i> 432.10 (M + 1).
359		MS <i>m/z</i> 423.1 (M + 1).

FIG. 1BW

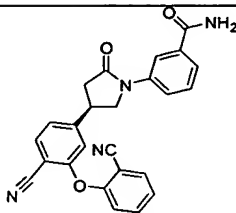
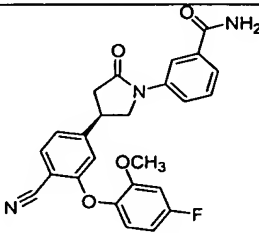
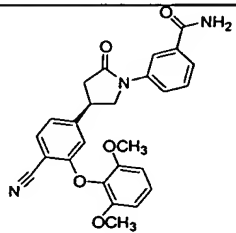
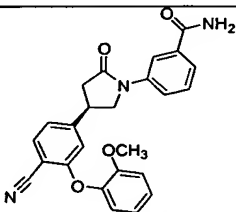
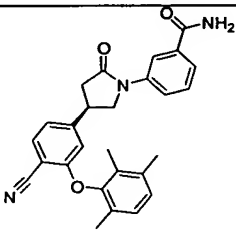
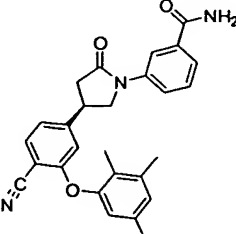
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
360		MS <i>m/z</i> 423.1 (M + 1).
361		MS <i>m/z</i> 446.1 (M + 1).
362		MS <i>m/z</i> 458.10 (M + 1).
363		MS <i>m/z</i> 428.10 (M + 1).
364		953-118B-19 ¹ H NMR (CDCl ₃): 7.97 (t, 1H, J = 1.6 Hz), 7.81-7.79 (m, 1H), 7.66 (d, 1H, J = 8.0 Hz), 7.59-7.57 (m, 1H), 7.46 (t, 1H, J = 8.0 Hz), 7.00-6.97 (m, 3H), 6.33 (brs, 1H), 7.30 (d, 1H, J = 1.6 Hz), 6.16 (brs, 1H), 4.18 (dd, 1H, J = 8.0, 9.6 Hz), 3.77 (dd, 1H, J = 6.8, 10 Hz), 3.60-3.56 (m, 1H), 2.96 (dd, 1H, J = 8.8, 17.2 Hz), 2.62 (dd, 1H, J = 8.0, 17.2 Hz). MS <i>m/z</i> 440.10 (M + 1).
365		MS <i>m/z</i> 440.10 (M + 1).

FIG. 1BX

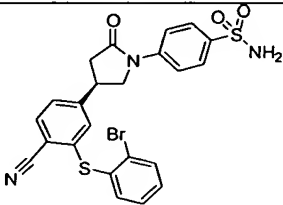
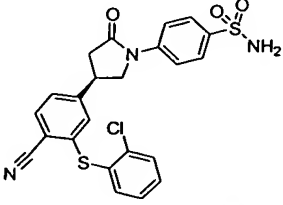
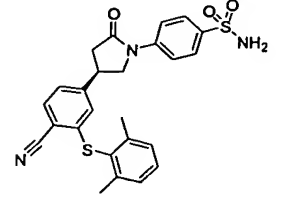
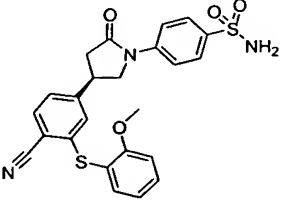
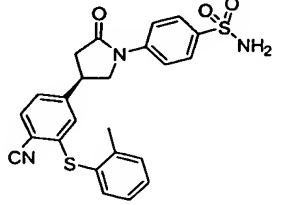
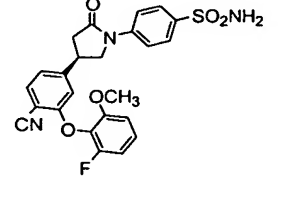
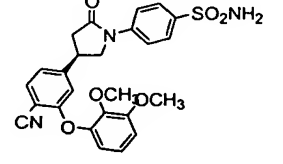
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
366		MS <i>m/z</i> 528.0 (M + 1).
367		MS <i>m/z</i> 484.05 (M + 1).
368		MS <i>m/z</i> 478.10 (M + 1).
369		MS <i>m/z</i> 480.10 (M + 1).
370		MS <i>m/z</i> 464.10 (M + 1).
371		MS <i>m/z</i> 482.0 (M + 1).
372		MS <i>m/z</i> 494.1 (M + 1).

FIG. 1BY

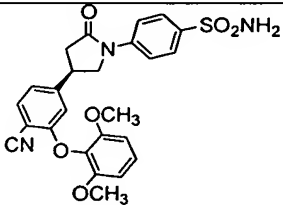
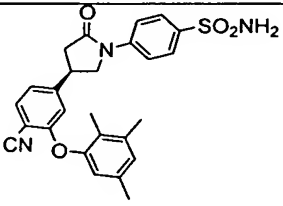
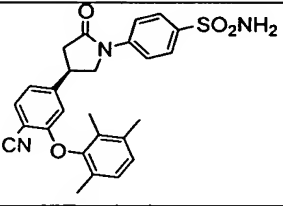
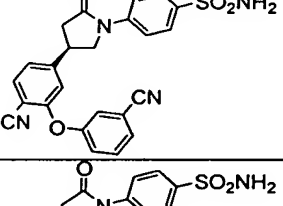
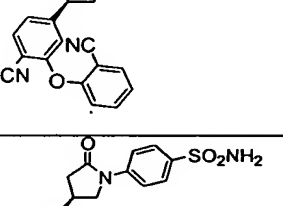
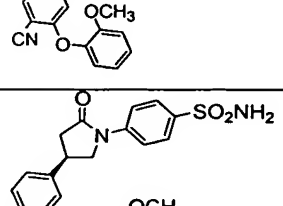
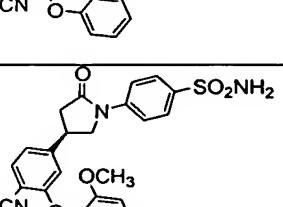

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
373		MS <i>m/z</i> 494.1 (M + 1).
374		MS <i>m/z</i> 476.1 (M + 1).
375		MS <i>m/z</i> 476.1 (M + 1).
376		MS <i>m/z</i> 459.0 (M + 1).
377		MS <i>m/z</i> 459.0 (M + 1).
378		MS <i>m/z</i> 464.1 (M + 1).
379		MS <i>m/z</i> 464.1 (M + 1).
380		MS <i>m/z</i> 482.1 (M + 1).

FIG. 1BZ

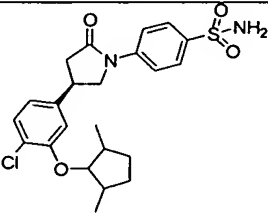
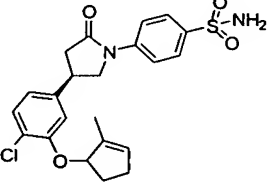
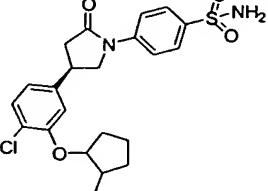
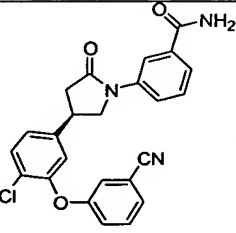
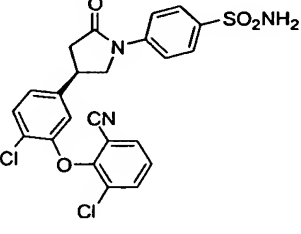
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
381		MS <i>m/z</i> 463.10 (M + 1).
382		MS <i>m/z</i> 447.1 (M + 1).
383		MS <i>m/z</i> 449.10 (M + 1).
384		953-79A ¹ H NMR (Acetone-d ₆): 7.97-7.96 (m, 1H), 7.93-7.91 (m, 1H), 7.59-7.57 (m, 1H), 7.52-7.47 (m, 2H), 7.42-7.40 (m, 1H), 7.35-7.31 (m, 4H), 7.23-7.21 (m, 2H), 6.51 (brs, 1H), 4.23 (dd, 1H, J = 8.0, 9.6 Hz), 3.91 (dd, 1H, J = 8.0, 9.6 Hz), 3.80-3.76 (m, 1H), 2.86 (dd, 1H, J = 8.8, 16.8 Hz), 2.69 (dd, 1H, J = 9.6, 16.8 Hz).
385		953-77B ¹ H NMR (Acetone-d ₆): 7.99 (dd, 1H, J = 1.6, 8.0 Hz), 7.98-7.91 (m, 5H), 7.69 (d, 1H, J = 8.4 Hz), 7.63 (t, 1H, J = 8.0 Hz), 7.37 (dd, 1H, J = 2.0, 8.0 Hz), 6.96 (d, 1H, J = 2.0 Hz), 6.96 (d, 1H, J = 2.0 Hz), 6.64-6.63 (m, 2H), 4.37 (dd, 1H, J = 8.0, 9.6 Hz), 3.97 (dd, 1H, J = 7.2, 9.6 Hz), 3.92-3.84 (m, 1H), 3.02 (dd, 1H, J = 8.8, 16.8 Hz), 2.75 (dd, 1H, J = 8.4, 16.8 Hz). LCMS <i>m/z</i> : 466.3 (M+H).

FIG. 1CA

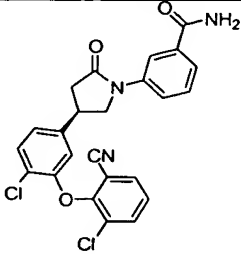
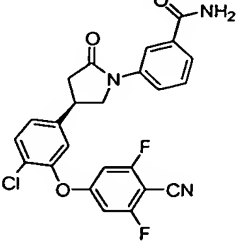
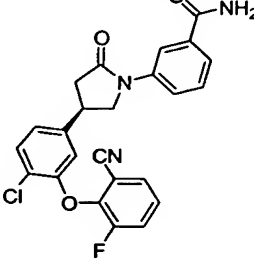
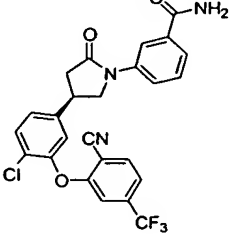
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
386		953-77A ¹ H NMR (Acetone-d ₆): 8.02 (t, 1H, J = 1.6 Hz), 7.97-7.94 (m, 1H), 7.92 (dd, 1H, J = 1.2, 8.0 Hz), 7.88 (dd, 1H, J = 1.6, 7.6 Hz), 7.70-6.68 (m, 1H), 7.60 (d, 1H, J = 8.0 Hz), 7.53 (t, 1H, J = 8.0 Hz), 7.48 (brs, 1H), 7.44 (t, 1H, J = 8.0 Hz), 7.29 (dd, 1H, J = 2.0, 8.0 Hz), 6.91 (d, 1H, J = 1.6 Hz), 6.64 (brs, 1H), 4.25 (dd, 1H, J = 8.0, 9.6 Hz), 3.87 (dd, 1H, J = 7.2, 9.6 Hz), 3.81-3.73 (m, 1H), 2.89 (dd, 1H, J = 8.4, 16.8 Hz), 2.64 (dd, 1H, J = 8.4, 16.4 Hz).
387		MS m/z 468.10 (M + 1).
388		953-70F ¹ H NMR (CDCl ₃): 8.02 (t, 1H, J = 2.0 Hz), 7.97-7.94 (m, 1H), 7.60 (d, 1H, J = 8.0 Hz), 7.50-7.40 (m, 4H), 7.32-7.29 (m, 1H), 7.04 (dd, 1H, J = 2.0, 8.0 Hz), 6.68 (s, 1H), 6.40 (brs, 1H), 6.08 (brs, 1H), 4.21 (dd, 1H, J = 8.0, 9.6 Hz), 3.83 (dd, 1H, J = 6.8, 10.0 Hz), 3.67-3.60 (m, 1H), 3.00 (dd, 1H, J = 8.8, 17.2 Hz), 2.69 (dd, 1H, J = 8.4, 17.2 Hz). LCMS m/z: 450.1 (M+H).
389		953-70E ¹ H NMR (CDCl ₃): 8.07 (t, 1H, J = 2.0 Hz), 7.89-7.84 (m, 1H), 7.83 (d, 1H, J = 8.4 Hz), 7.61-7.59 (m, 1H), 7.55 (d, 1H, J = 8.4 Hz), 7.48 (t, 1H, J = 8.0 Hz), 7.43 (dd, 1H, J = 0.8, 8.0 Hz), 7.27-7.23 (m, 1H), 7.16 (d, 1H, J = 2.0 Hz), 6.85 (s, 1H), 6.35 (brs, 1H), 6.21 (brs, 1H), 4.30 (dd, 1H, J = 8.0, 9.6 Hz), 3.95 (dd, 1H, J = 7.2, 9.6 Hz), 3.81-3.75 (m, 1H), 3.10 (dd, 1H, J = 8.8, 17.2 Hz), 2.80 (dd, 1H, J =

FIG. 1CB

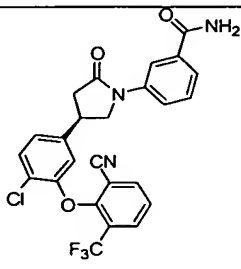
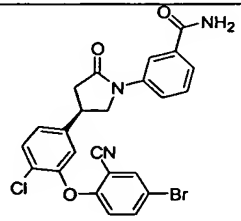
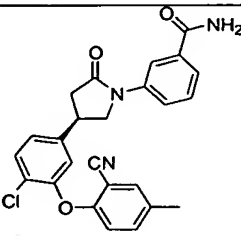
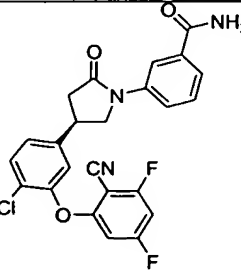
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
		8.4, 17.2 Hz). LCMS <i>m/z</i> : 500.1 (M+H).
390		953-70D ¹ H NMR (CDCl ₃): 8.02 (s, 1H), 7.97 (dd, 1H, J = 0.8, 8.0 Hz), 7.82 (d, 1H, J = 6.4 Hz), 7.75 (d, 1H, J = 8.0 Hz), 7.61 (d, 1H, J = 7.6 Hz), 7.50 - 7.42 (m, 3H), 7.06 (dd, 1H, J = 1.6, 8.0 Hz), 6.58 (d, 1H, J = 2.0 Hz), 6.42 (brs, 1H), 6.33 (brs, 1H), 4.21 (dd, 1H, J = 8.0, 9.6 Hz), 3.82 (dd, 1H, J = 6.8, 9.6 Hz), 3.67-3.59 (m, 1H), 3.00 (dd, 1H, J = 8.4, 17.2 Hz), 2.68 (dd, 1H, J = 7.6, 17.2 Hz). LCMS <i>m/z</i> : 500.1(M+H).
391		MS <i>m/z</i> 510.0 (M + 1).
392		MS <i>m/z</i> 446.10 (M + 1).
393		MS <i>m/z</i> 468.10(M + 1).

FIG. 1CC

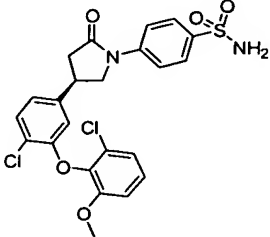
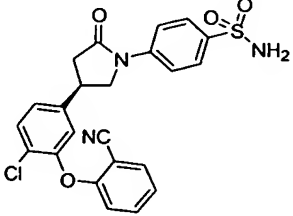
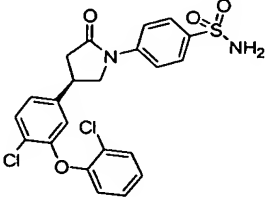
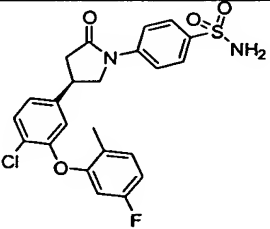
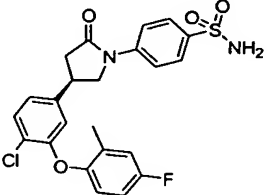
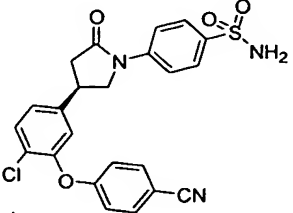
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
394		MS <i>m/z</i> 507.2 (M + 1).
395		MS <i>m/z</i> 468.2 (M + 1).
396		MS <i>m/z</i> 477.15 (M + 1).
397		MS <i>m/z</i> 475.2 (M + 1).
398		MS <i>m/z</i> 475.2 (M + 1).
399		MS <i>m/z</i> 468.2 (M + 1).

FIG. 1CD

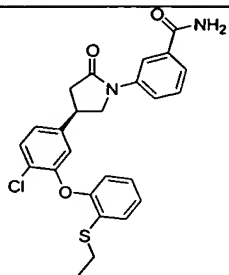
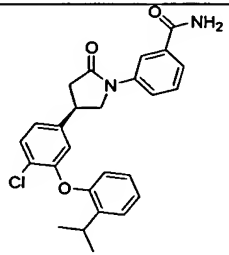
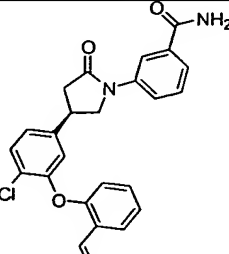
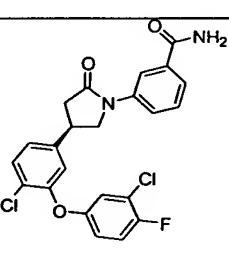
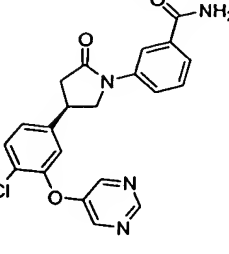
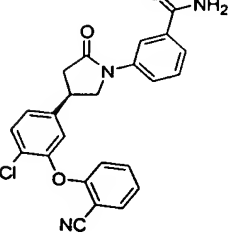
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
400		MS <i>m/z</i> 467.2 (M + 1).
401		MS <i>m/z</i> 449.3 (M + 1).
402		MS <i>m/z</i> 433.2 (M + 1).
403		MS <i>m/z</i> 459.2 (M + 1).
404		MS <i>m/z</i> 409.2 (M + 1).
405		MS <i>m/z</i> 432.3 (M + 1).

FIG. 1CE

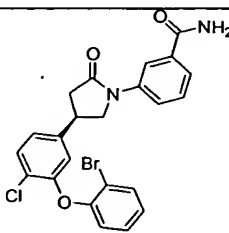
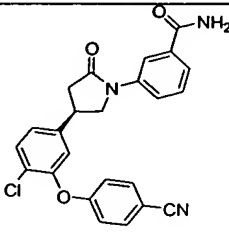
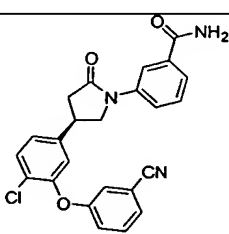
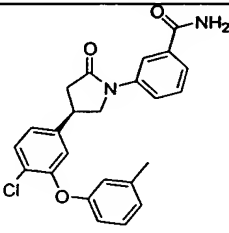
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
406		MS <i>m/z</i> 485.2 (M + 1).
407		953-14D ¹ H NMR (Acetone-d ₆): 8.09 (t, 1H, J = 2.0 Hz), 8.06-8.04 (m, 1H), 7.81-7.78 (m, 1H), 7.72-7.67 (m, 1H), 7.64 (d, 1H, J = 8.4 Hz), 7.50 (brs, 1H), 7.49-7.44 (m, 3H), 7.13-7.09 (m, 2H), 6.70 (brs, 1H), 4.36 (dd, 1H, J = 8.0, 9.6 Hz), 4.04 (dd, 1H, J = 8.0, 9.2 Hz), 3.96-3.88 (m, 1H), 3.00 (dd, 1H, J = 8.4, 16.8 Hz), 2.81 (dd, 1H, J = 9.6, 16.4 Hz). LCMS <i>m/z</i> : 432.2(M+H).
408		MS <i>m/z</i> 432.2 (M + 1).
409		953-14A ¹ H NMR (CDCl ₃): 8.00 (t, 1H, J = 2.0 Hz), 7.87-7.85 (m, 1H), 7.58-7.56 (m, 1H), 7.47-7.42 (m, 2H), 7.24-7.21 (m, 1H), 7.01 (dd, 1H, J = 2.0, 8.0 Hz), 6.95-6.93 (m, 1H), 6.89 (d, 1H, J = 2.0 Hz), 6.80 (s, 1H), 6.74 (dd, 1H, J = 2.4, 8.0 Hz), 6.22 (brs, 1H), 5.77 (brs, 1H), 4.21 (dd, 1H, J = 8.0, 9.6 Hz), 3.85 (dd, 1H, J = 6.4, 9.6 Hz), 3.68-3.60 (m, 1H), 2.99 (dd, 1H, J = 8.4, 16.8 Hz), 2.71 (dd, 1H, J = 8.4, 16.8 Hz), 2.33 (s, 3H). LCMS <i>m/z</i> : 421.25 (M+H).

FIG. 1CF

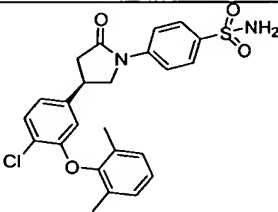
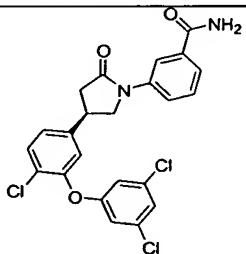
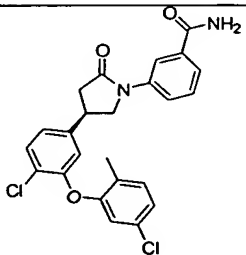
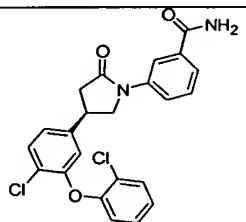
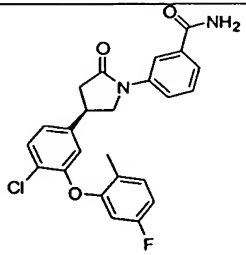
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
410		MS <i>m/z</i> 471.2 (M + 1).
411		¹ H NMR (CDCl ₃): 8.03-8.02 (m, 1H), 7.88-7.85 (m, 1H), 7.59-7.57 (m, 1H), 7.49-7.46 (m, 2H), 7.19-7.17 (m, 1H), 7.05-7.02 (m, 2H), 6.79 (d, 1H, J = 2.4 Hz), 6.69 (d, 1H, J = 2.0 Hz), 6.13 (brs, 1H), 5.60 (brs, 1H), 4.24 (dd, 1H, J = 8.4, 10 Hz), 3.87 (dd, 1H, J = 6.8, 9.6 Hz), 3.70-3.64 (m, 1H), 3.02 (dd, 1H, J = 8.8, 17.2 Hz), 2.73 (dd, 1H, J = 8.8, 17.2 Hz). LCMS <i>m/z</i> : 475.10 (M+H).
412		690-170H ¹ H NMR (CDCl ₃): 8.18 (t, 1H, J = 2.0 Hz), 7.78-7.75 (m, 1H), 7.66 (d, 2H, J = 1.6 Hz), 7.53-7.45 (m, 2H), 7.32 (d, 1H, J = 8.0 Hz), 7.15 (t, 1H, J = 1.6 Hz), 6.97 (d, 1H, J = 2.4 Hz), 6.80 (d, 1H, J = 1.6 Hz), 6.18 (brs, 1H), 5.64 (brs, 1H), 4.26 (dd, 1H, J = 8.0, 9.6 Hz), 3.92 (dd, 1H, J = 7.2, 9.6 Hz), 3.74-3.65 (m, 1H), 3.06 (dd, 1H, J = 8.8, 17.2 Hz), 2.79 (dd, 1H, J = 8.8, 17.2 Hz), 1.25 (s, 3H). LCMS <i>m/z</i> : 445.2 (M+H).
413		MS <i>m/z</i> 441.2 (M + 1).
414		MS <i>m/z</i> 439.2 (M + 1).

FIG. 1CG

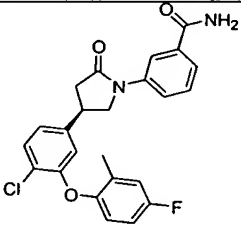
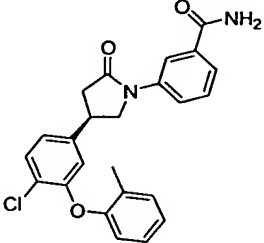
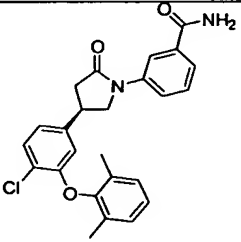
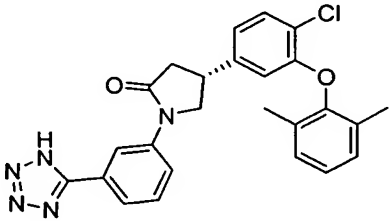
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
415		MS <i>m/z</i> 439.2 (M + 1).
416		690-170B-1 ¹ H NMR (CDCl ₃): 8.00 (t, 1H, J = 1.6 Hz), 7.85-7.82 (m, 1H), 7.59-7.57 (m, 1H), 7.47-7.43 (m, 2H), 7.18-7.14 (m, 1H), 7.10-7.06 (m, 1H), 6.96 (dd, 1H, J = 2.0, 8.0 Hz), 6.80 (dd, 1H, J = 0.8, 8.0 Hz), 6.69 (d, 1H, J = 2.0 Hz), 6.20 (brs, 1H), 5.65 (brs, 1H), 4.19 (dd, 1H, J = 8.4, 10.0 Hz), 3.82 (dd, 1H, J = 7.2, 9.6 Hz), 3.64-3.56 (m, 1H), 2.97 (dd, 1H, J = 8.4, 16.8 Hz), 2.69 (dd, 1H, J = 8.4, 16.8 Hz), 2.26 (s, 3H). LCMS <i>m/z</i> : 421.2 (M+H).
417		690-170A-1 ¹ H NMR (CDCl ₃): 7.97 (t, 1H, J = 1.6 Hz), 7.80-7.78 (m, 1H), 7.58-7.56 (m, 1H), 7.47-7.43 (m, 2H), 7.13-7.05 (m, 3H), 6.86 (dd, 1H, J = 4.0, 8.0 Hz), 6.27 (d, 1H, J = 2.0 Hz), 6.23 (brs, 1H), 5.73 (brs, 1H), 4.14 (dd, 1H, J = 8.0, 9.6 Hz), 3.74 (dd, 1H, J = 6.8, 9.6 Hz), 3.56-3.48 (m, 1H), 2.92 (dd, 1H, J = 8.8, 17.2 Hz), 2.61 (dd, 1H, J = 8.0, 16.8 Hz), 2.12 (s, 6H). LCMS <i>m/z</i> : 435.2 (M+H).
418		MS <i>m/z</i> 460.2 (M + 1).

FIG. 1CH

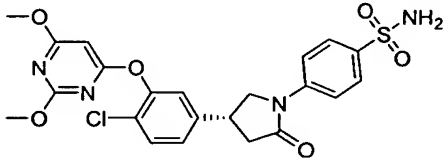
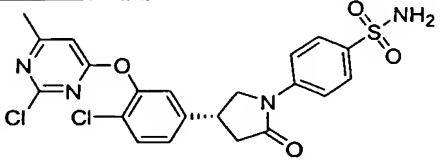
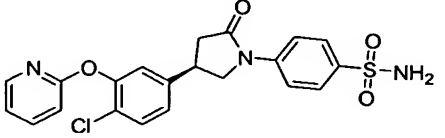
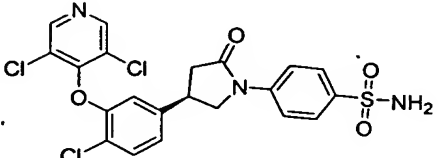
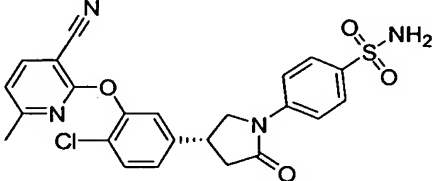
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
419		MS <i>m/z</i> 460.2 (M + 1).
420		MS <i>m/z</i> 493.1 (M + 1).
421		MS <i>m/z</i> 444.3 (M + 1).
422		MS <i>m/z</i> 512.3 (M + 1).
423		MS <i>m/z</i> 483.1 (M + 1).

FIG. 1C1

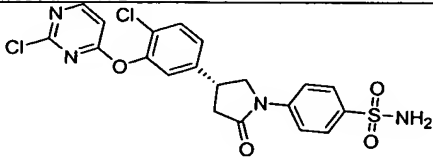
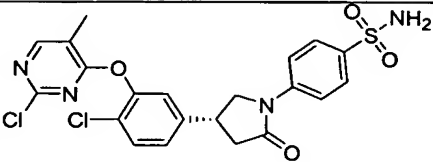
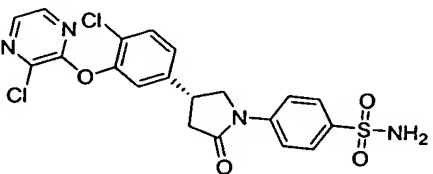
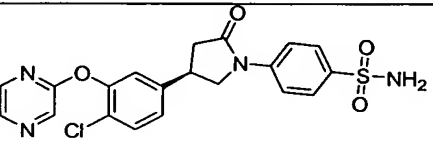
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
424		MS <i>m/z</i> 479.1 (M + 1).
425		MS <i>m/z</i> 493.1 (M + 1).
426		MS <i>m/z</i> 479.1 (M + 1).
427		MS <i>m/z</i> 445.1 (M + 1).

FIG. 1CJ

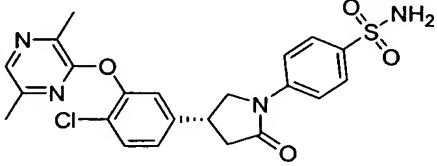
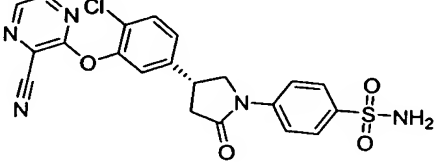
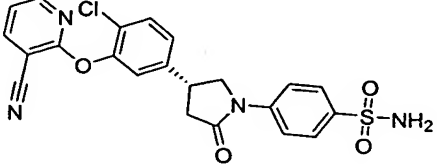
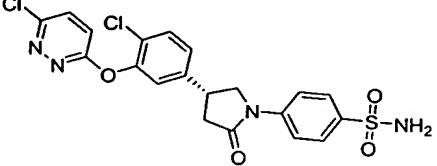
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
428		MS <i>m/z</i> 473.4 (M + 1).
429		MS <i>m/z</i> 470.1 (M + 1).
430		MS <i>m/z</i> 469.4 (M + 1).
431		MS <i>m/z</i> 479.1 (M + 1).

FIG. 1CK

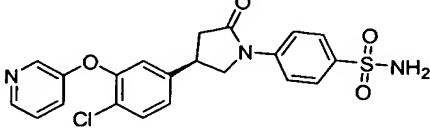
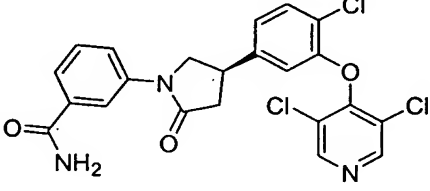
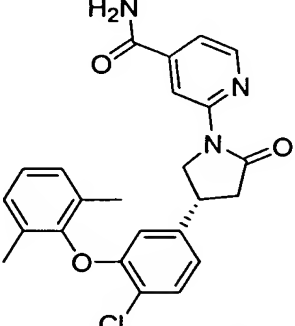
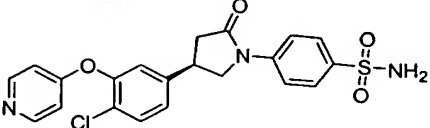
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
432		MS <i>m/z</i> 444.1 (M + 1).
433		MS <i>m/z</i> 476.2 (M + 1).
434		¹ H NMR 400 MHz (CDCl ₃) δ 8.63 (s, 1H), 8.48 (d, 1H), 7.56 (d, 1H), 7.43 (d, 1H), 7.11 (b, 1H), 7.08 (m, 3H), 6.95 (b, 1H), 6.85 (dd, 1H), 6.25 (d, 1H), 4.43 (dd, 1H), 3.94 (dd, 1H), 3.51 (m, 1H), 2.99 (dd, 1H), 2.69 (dd, 1H) 2.10 (s, 6H); MS <i>m/z</i> 436.1 (M + 1).
435		MS <i>m/z</i> 444.1 (M + 1).

FIG. 1CL

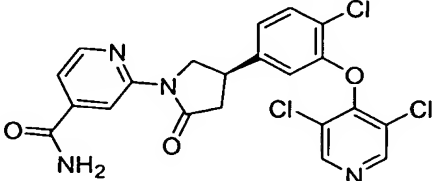
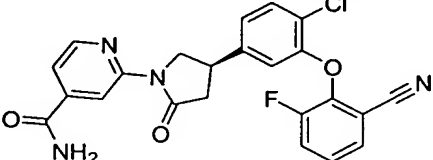
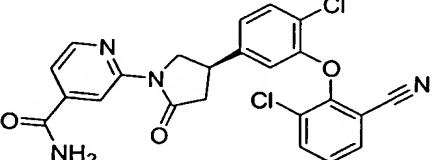
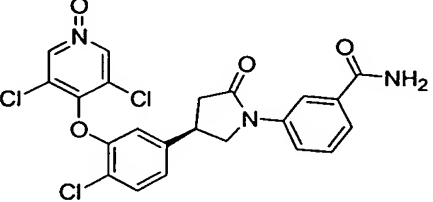
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
436		MS <i>m/z</i> 477.0 (M + 1).
437		MS <i>m/z</i> 451.0 (M + 1).
438		¹ H NMR 400 MHz (CDCl ₃) δ 8.63 (s, 1H), 8.44 (d, 1H), 7.70 (d, 1H), 7.62 (d, 1H), 7.53 (d, 1H), 7.47 (d, 1H), 7.33 (t, 1H), 7.02 (dd, 1H), 6.60 (b, 1H), 6.43 (dd, 1H), 5.92 (b, 1H), 4.48 (dd, 1H), 3.98 (dd, 1H), 3.57 (m, 1H), 3.01 (dd, 1H), 2.71 (dd, 1H); MS <i>m/z</i> 467.0 (M + 1).
439		¹ H NMR 400 MHz (MeOD) δ 8.61 (s, 2H), 8.02 (s, 1H), 7.88 (dd, 1H), 7.70 (d, 1H), 7.57 (d, 1H), 7.52 (t, 1H), 7.23 (dd, 1H), 6.89 (d, 1H), 4.28 (dd, 1H), 3.93 (dd, 1H), 3.77 (m, 1H), 3.00 (dd, 1H), 2.73 (dd, 1H); MS <i>m/z</i> 492.1 (M + 1).

FIG. 1CM

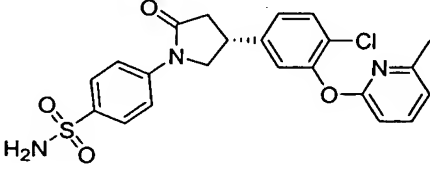
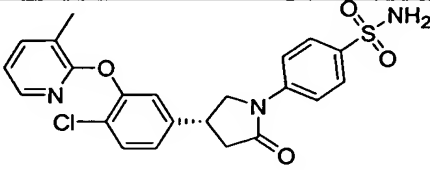
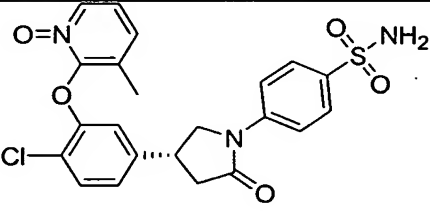
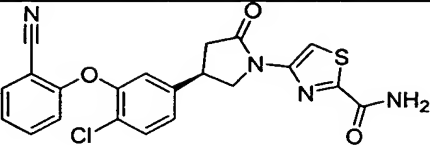
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
440		MS <i>m/z</i> 458.2 (M + 1)
441		MS <i>m/z</i> 458.2 (M + 1)
442		¹ H NMR 400 MHz (MeOD) δ 8.06 (s, 1H), 7.79 (d, 2H), 7.68 (d, 2H), 7.43 (d, 1H), 7.41 (d, 1H), 7.21 (t, 1H), 7.06 (dd, 1H), 6.47 (d, 1H), 4.13 (dd, 1H), 3.80 (dd, 1H), 3.60 (m, 1H), 2.87 (dd, 1H), 2.57 (dd, 1H), 2.19 (s, 3H); MS <i>m/z</i> 474.2 (M + 1)
443		¹ H NMR 400 MHz (MeOD) δ 8.07 (s, 1H), 7.79 (d, 1H), 7.58-7.62 (m, 2H), 7.37 (dd, 1H), 7.26 (t, 1H), 6.78 (d, 1H), 4.62 (dd, 1H), 4.15 (dd, 1H), 3.90 (m, 1H), 3.07 (dd, 1H), 2.85 (dd, 1H); MS <i>m/z</i> 439.1 (M + 1)

FIG. 1CN

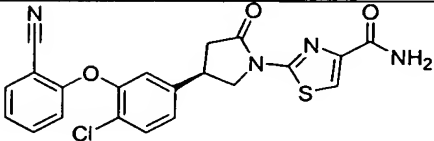
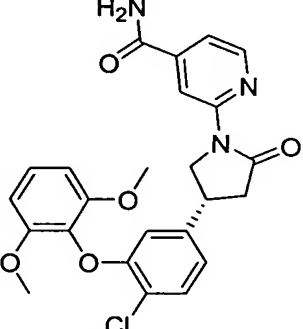
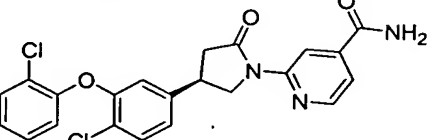
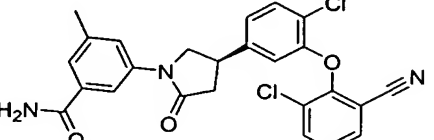
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
444		¹ H NMR 400 MHz (MeOD) δ 7.91 (s, 1H), 7.79 (d, 1H), 7.58-7.62 (m, 2H), 7.37 (dd, 1H), 7.26 (t, 1H), 6.78 (d, 1H), 4.64 (dd, 1H), 4.15 (dd, 1H), 3.95 (m, 1H), 3.13 (dd, 1H), 2.93 (dd, 1H); MS m/z 439.1 (M + 1)
445		¹ H NMR 400 MHz (MeOD) δ 8.61 (s, 1H), 8.48 (d, 1H), 7.56 (d, 1H), 7.40 (d, 1H), 7.12 (t, 1H), 6.95 (dd, 1H), 6.67 (d, 2H), 6.40 (d, 1H), 4.43 (dd, 1H), 3.98 (dd, 1H), 3.73 (s, 6H), 3.65 (m, 1H), 3.09 (dd, 1H), 2.59 (dd, 1H); MS m/z 468.0 (M + 1)
446		¹ H NMR 400 MHz (MeOD) δ 8.66 (s, 1H), 8.45 (d, 1H), 7.53 (d, 1H), 7.51 (d, 1H), 7.49 (d, 1H), 7.28 (t, 1H), 7.20 (d, 1H), 7.15 (t, 1H), 6.92 (dd, 1H), 6.88 (dd, 1H), 4.49 (dd, 1H), 4.05 (dd, 1H), 3.75 (m, 1H), 3.09 (dd, 1H), 2.85 (dd, 1H); MS m/z 442.0 (M + 1)
447		MS m/z 480.1 (M + 1)

FIG. 1CO

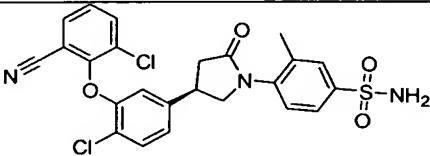
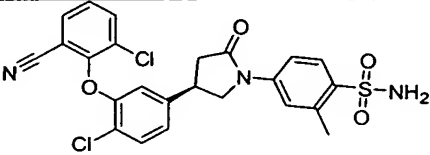
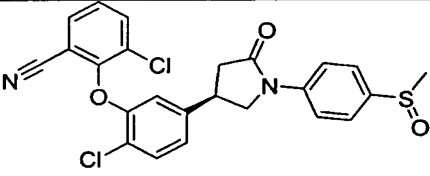
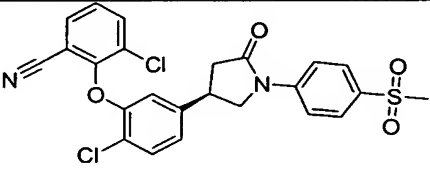
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
448		¹ H NMR 400 MHz (acetone-d ₆) δ 7.98 (dd, 1H), 7.93 (dd, 1H), 7.77 (d, 1H), 7.71 (dd, 1H), 7.57-7.63 (m, 2H), 7.34 (d, 1H), 7.31 (dd, 1H), 6.88 (d, 1H), 6.58 (b, 2H), 4.12 (dd, 1H), 3.89 (m, 1H), 3.83 (dd, 1H), 2.85 (dd, 1H), 2.61 (dd, 1H), 2.24 (s, 3H); MS m/z 516.0 (M + 1)
449		MS m/z 516.0 (M + 1)
450		MS m/z 485.0 (M + 1)
451		MS m/z 501.0 (M + 1)

FIG. 1CP

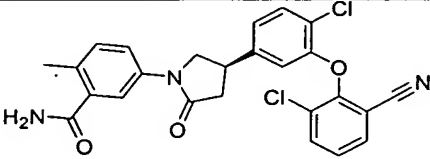
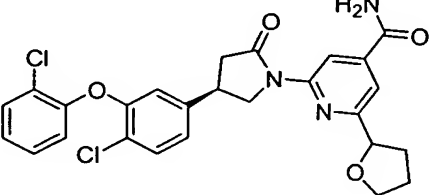
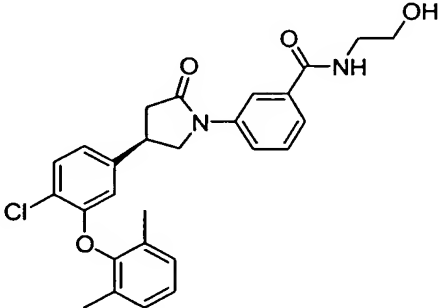
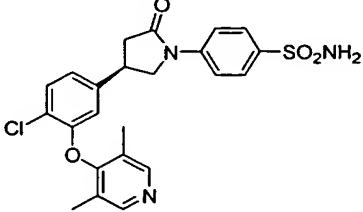
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
452		MS <i>m/z</i> 480.1 (M + 1)
453		¹ H NMR 400 MHz (MeOD) δ 8.52 (s, 1H), 7.61 (s, 1H), 7.53 (d, 1H), 7.49 (d, 1H), 7.28 (t, 1H), 7.20 (m, 1H), 7.15 (t, 1H), 6.92 (dd, 1H), 6.87 (m, 1H), 4.78 (dd, 1H), 4.28 (dd, 1H), 3.94 (dd, 1H), 3.70-3.90 (m, 2H), 3.50 (m, 1H), 2.87 (dd, 1H), 2.56 (dd, 2H), 2.19 (m, 1H), 1.81 (m, 3H); MS <i>m/z</i> 512.1 (M + 1)
454		MS <i>m/z</i> 479.1 (M + 1).
455		¹ H NMR 400 MHz (CDCl ₃) δ 8.36 (s, 2H), 7.97 (d, 2H), 7.61 (d, 2H), 7.49 (d, 1H), 6.97 (dd, 1H), 6.24 (d, 1H), 4.15 (dd, 1H), 3.71 (dd, 1H), 3.60 (m, 1H), 3.03 (dd, 1H), 2.58 (dd, 1H), 2.14 (s, 6H); MS <i>m/z</i> 472.0 (M + 1).

FIG. 1CQ

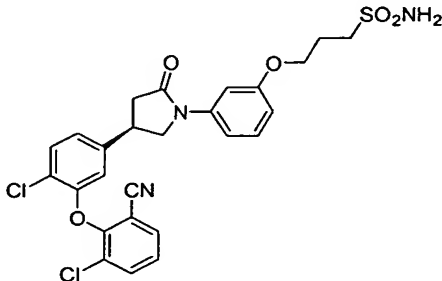
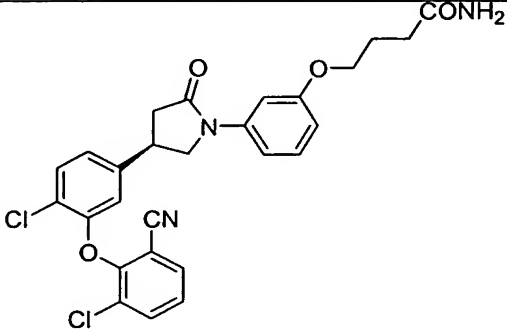
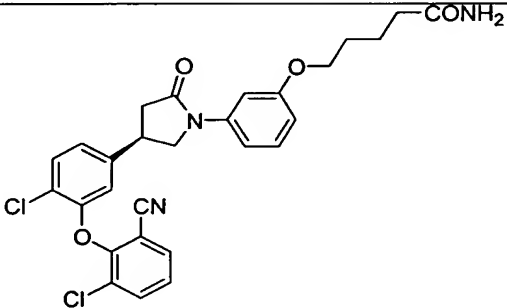
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
456		¹ H NMR 400 MHz (CDCl ₃) δ 7.72 (dd, 1H), 7.62 (dd, 1H), 7.47 (d, 1H), 7.32 (m, 2H), 7.25 (t, 1H), 7.01 (dd, 1H), 6.94 (dd, 1H), 6.70 (dd, 1H), 6.23 (d, 1H), 4.13 (m, 3H), 3.74 (dd, 1H), 3.57 (m, 1H), 3.33 (t, 2H), 2.96 (dd, 1H), 2.65 (dd, 1H), 2.33 (m, 2H); MS <i>m/z</i> 559.9 (M + 1).
457		MS <i>m/z</i> 524.0 (M + 1).
458		MS <i>m/z</i> 538.0 (M + 1).
459		

FIG. 1CR

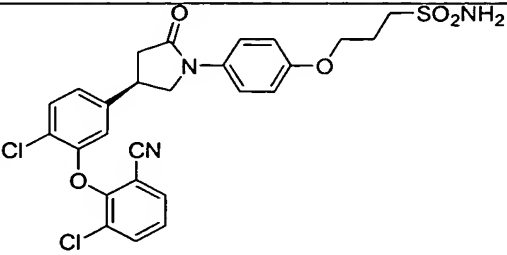
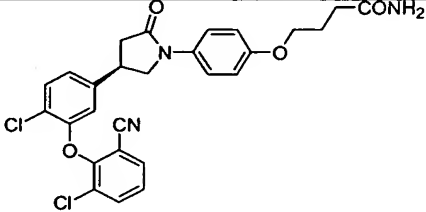
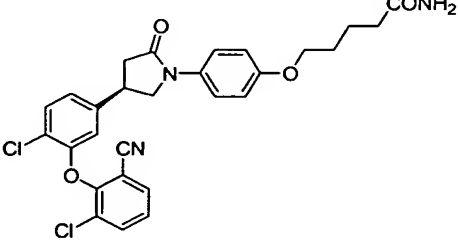
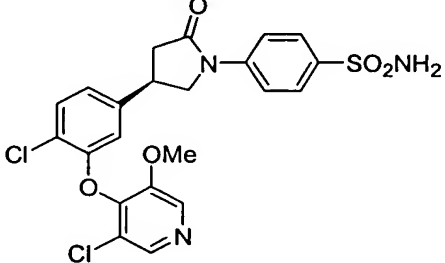
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
460		MS <i>m/z</i> 560.0 (M + 1).
461		MS <i>m/z</i> 524.0 (M + 1).
462		MS <i>m/z</i> 538.0 (M + 1).
463		¹ H NMR 400 MHz (CDCl ₃) δ 8.36 (s, 1H), 8.26 (s, 1H), 7.95 (d, 2H), 7.67 (d, 2H), 7.46 (d, 1H), 7.02 (dd, 1H), 6.40 (d, 1H), 4.23 (dd, 1H), 3.83 (s, 3H), 3.78 (dd, 1H), 3.64 (m, 1H), 3.08 (dd, 1H), 2.60 (dd, 1H); MS <i>m/z</i> 507.9 (M + 1).

FIG. 1CS

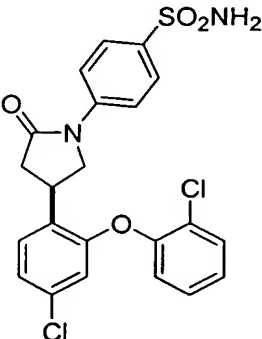
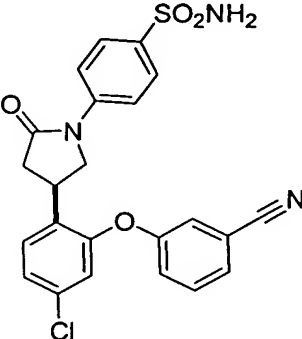
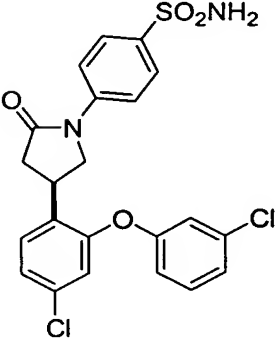
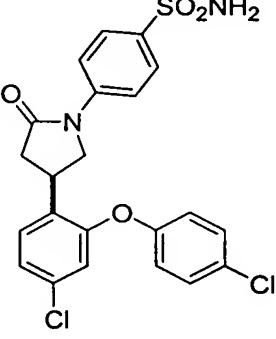
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
464		¹ H NMR 400 MHz (Acetone-d ₆) δ 7.86 (dd, 2H), 7.81 (dd, 2H), 7.56 (dd, 1H), 7.51 (d, 1H), 7.37 (m, 1H), 7.25 (m, 1H), 7.20 (dd, 1H), 7.15 (dd, 1H), 6.64 (d, 1H), 6.45 (bs, 2H), 4.36 (m, 1H), 4.13-4.04 (m, 2H), 3.03-2.69 (m, 2H); MS m/z 476.7 (M + 1).
465		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.67 (dd, 2H), 7.41-7.37 (m, 2H), 7.25 (d, 1H), 7.16-7.12 (m, 3H), 6.84 (d, 1H), 4.72 (bs, 2H), 4.15 (dd, 1H), 3.83-3.81 (m, 2H), 2.95 (dd, 1H), 2.80 (dd, 1H); MS m/z 467.8 (M + 1).
466		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.69 (dd, 2H), 7.22-7.18 (m, 2H), 7.10-7.07 (m, 2H), 6.89 (d, 1H), 6.84 (d, 1H), 6.80 (dd, 1H), 4.68 (s, 2H), 4.16 (dd, 1H), 3.90-3.81 (m, 2H), 2.94 (dd, 1H), 2.82 (dd, 1H); MS m/z 477.1 (M + 1).
467		¹ H NMR 400 MHz (CDCl ₃) δ 7.90 (dd, 2H), 7.75 (dd, 2H), 7.32 (dd, 2H), 7.26 (d, 1H), 7.13 (d, 1H), 6.91 (dd, 2H), 6.85 (d, 1H), 4.80 (s, 2H), 4.24 (dd, 1H), 3.98 (m, 1H), 3.90 (dd, 1H), 3.02 (dd, 1H), 2.88 (dd, 1H); MS m/z 477.1 (M + 1).

FIG. 1CT

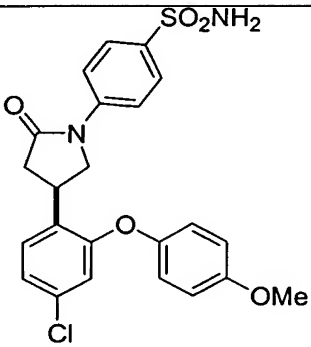
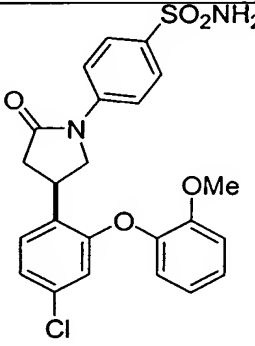
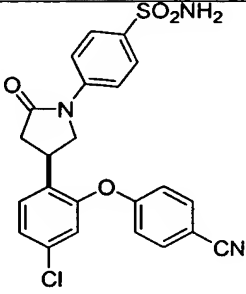
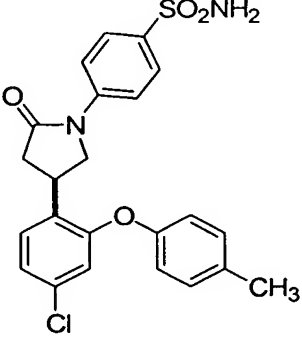
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
468		¹ H NMR 400 MHz (CDCl ₃) δ 7.82 (dd, 2H), 7.69 (dd, 2H), 7.15 (d, 1H), 6.96 (dd, 1H), 6.86-6.76 (m, 4H), 6.67 (d, 1H), 4.84 (s, 2H), 4.20 (dd, 1H), 3.98 (m, 1H), 3.88 (dd, 1H), 3.74 (s, 3H), 2.95 (dd, 1H), 2.90 (dd, 1H); MS m/z 473.1 (M + 1).
469		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.73 (dd, 2H), 7.14-7.12 (m, 2H), 6.95-6.91 (m, 4H), 6.55 (d, 1H), 4.68 (s, 2H), 4.23 (dd, 1H), 4.06-4.00 (m, 2H), 3.68 (s, 3H), 3.00-2.96 (m, 2H); MS m/z 473.1 (M + 1).
470		MS m/z 468.1 (M + 1).
471		MS m/z 457.1 (M + 1).

FIG. 1CU

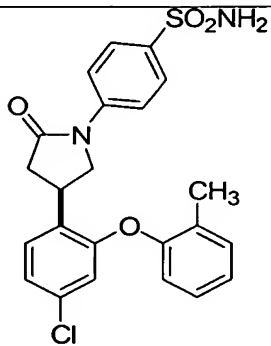
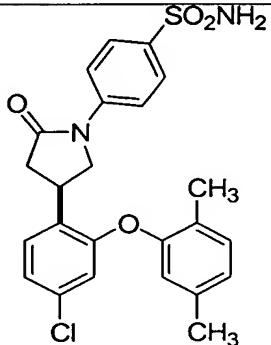
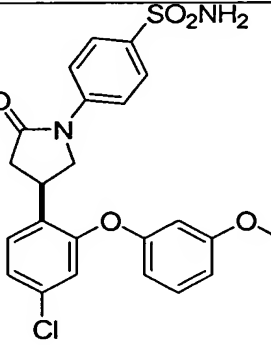
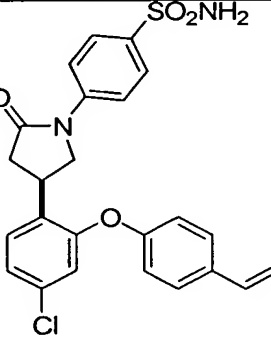
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
472		MS <i>m/z</i> 457.1 (M + 1).
473		MS <i>m/z</i> 471.1 (M + 1).
474		¹ H NMR 400 MHz (CDCl ₃) δ 8.01 (dd, 2H), 7.87 (dd, 2H), 7.38-7.35 (m, 2H), 7.20 (dd, 1H), 7.02 (d, 1H), 6.81 (d, 1H), 6.70-6.62 (m, 2H), 4.82 (s, 2H), 4.34 (dd, 1H), 4.10-4.02 (m, 2H), 3.90 (s, 3H), 3.10 (dd, 1H), 3.03 (dd, 1H); MS <i>m/z</i> 473.1 (M + 1).
475		MS <i>m/z</i> 469.4 (M + 1).

FIG. 1CV

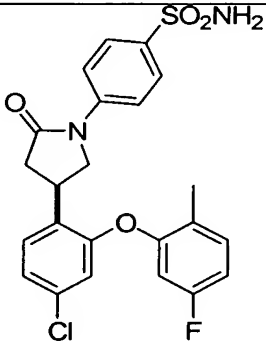
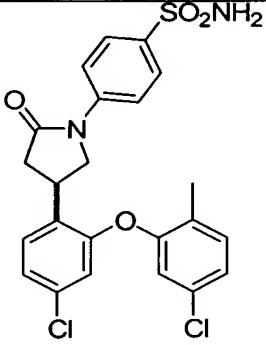
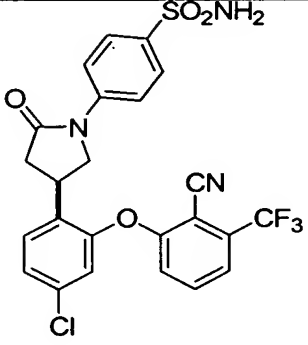
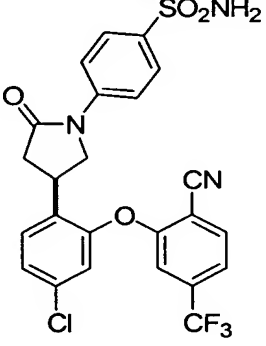
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
476		¹ H NMR 400 MHz (CDCl ₃) δ 7.84 (dd, 2H), 7.71 (dd, 2H), 7.20-7.10 (m, 2H), 7.03 (dd, 1H), 6.77 (dd, 1H), 6.63 (d, 1H), 6.50 (dd, 1H), 4.71 (s, 2H), 4.19 (dd, 1H), 3.96-3.88 (m, 2H), 2.96 (dd, 1H), 2.87 (dd, 1H), 2.14 (s, 3H); MS <i>m/z</i> 475.3 (M + 1).
477		¹ H NMR 400 MHz (CDCl ₃) δ 7.84 (dd, 2H), 7.70 (dd, 2H), 7.20 (dd, 1H), 7.14 (d, 1H), 7.03 (dd, 2H), 6.75 (d, 1H), 6.60 (d, 1H), 4.73 (s, 2H), 4.19 (dd, 1H), 3.95-3.88 (m, 2H), 2.98 (dd, 1H), 2.86 (dd, 1H), 2.12 (s, 3H); MS <i>m/z</i> 491.3 (M + 1).
478		MS <i>m/z</i> 536.2 (M + 1).
479		MS <i>m/z</i> 536.2 (M + 1).

FIG. 1CW

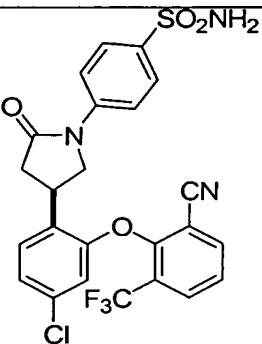
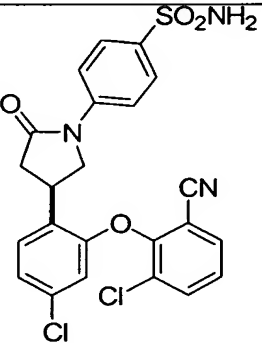
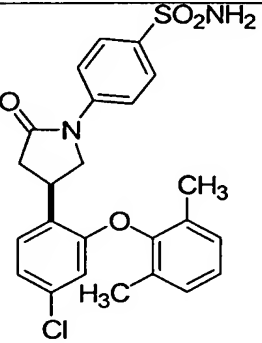
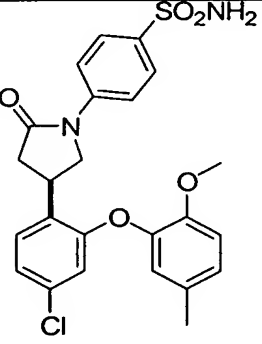
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
480		MS <i>m/z</i> 536.2 (M + 1).
481		MS <i>m/z</i> 502.2 (M + 1).
482		MS <i>m/z</i> 471.2 (M + 1).
483		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.73 (dd, 2H), 7.12 (d, 1H), 6.93 (dd, 2H), 6.82 (d, 1H), 6.76 (d, 1H), 6.54 (d, 1H), 4.68 (s, 2H), 4.22 (dd, 1H), 4.05-3.95 (m, 2H), 3.57 (s, 3H), 3.00-2.96 (m, 2H), 2.23 (s, 3H); MS <i>m/z</i> 487.1 (M + 1).

FIG. 1CX

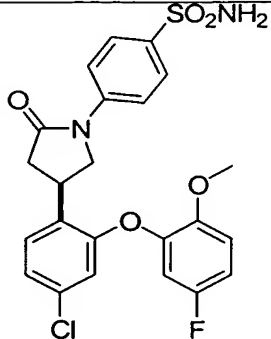
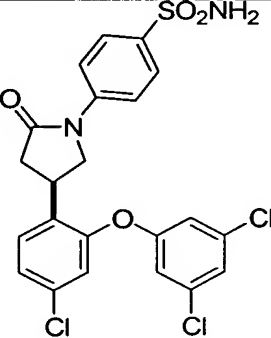
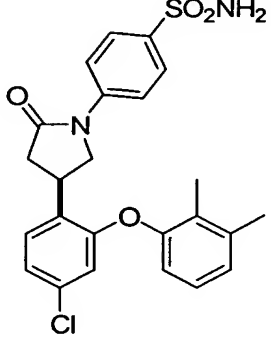
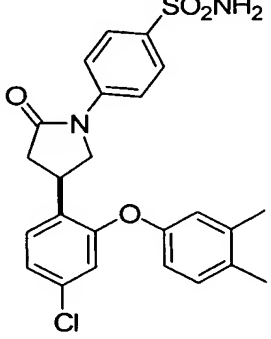
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
484		¹ H NMR 400 MHz (CDCl ₃) δ 7.84 (dd, 2H), 7.43 (dd, 2H), 7.15 (d, 1H), 6.99 (dd, 1H), 6.86-6.84 (m, 2H), 6.71 (dd, 1H), 6.60 (d, 1H), 4.68 (s, 2H), 4.21 (dd, 1H), 3.98-3.96 (m, 2H), 3.66 (s, 3H), 2.96-2.94 (m, 2H); MS <i>m/z</i> 491.1 (M + 1).
485		¹ H NMR 400 MHz (CDCl ₃) δ 7.84 (dd, 2H), 7.70 (dd, 2H), 7.24 (d, 1H), 7.15 (dd, 1H), 7.06 (dd, 1H), 6.88 (d, 1H), 6.77 (d, 2H), 4.67 (s, 2H), 4.14 (dd, 1H), 3.85-3.80 (m, 2H), 2.93 (dd, 1H), 2.78 (dd, 1H); MS <i>m/z</i> 511.0 (M + 1).
486		¹ H NMR 400 MHz (CDCl ₃) δ 7.90 (dd, 2H), 7.79 (dd, 2H), 7.25 (dd, 1H), 7.10 (dd, 1H), 7.04-7.01 (m, 2H), 6.72 (d, 1H), 6.60 (d, 1H), 4.75 (s, 2H), 4.29 (dd, 1H), 4.10-4.00 (m, 2H), 3.04 (dd, 1H), 3.00 (dd, 1H), 2.32 (s, 3H), 2.11 (s, 3H); MS <i>m/z</i> 471.0 (M + 1).
487		MS <i>m/z</i> 471.0 (M + 1).

FIG. 1CY

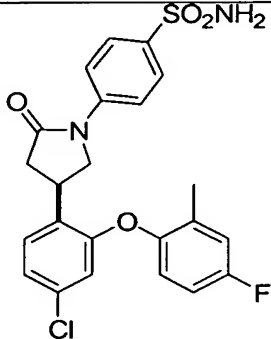
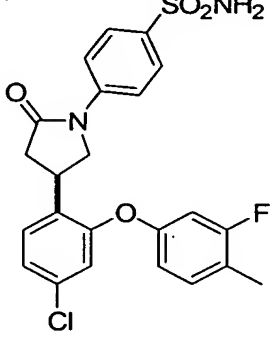
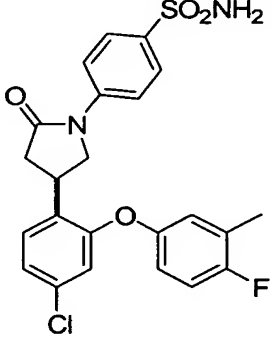
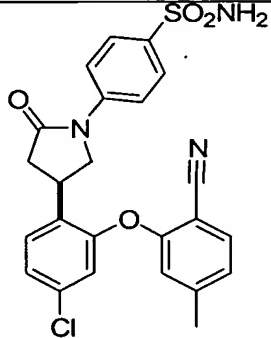
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
488		¹ H NMR 400 MHz (CDCl ₃) δ 7.85 (dd, 2H), 7.72 (dd, 2H), 7.18 (dd, 1H), 6.98-6.95 (m, 2H), 6.85 (m, 1H), 6.79 (m, 1H), 6.48 (d, 1H), 4.71 (s, 2H), 4.23 (dd, 1H), 4.05 (m, 1H), 3.92 (dd, 1H), 2.99 (dd, 1H), 2.88 (dd, 1H), 2.11 (s, 3H); MS <i>m/z</i> 475.0 (M + 1).
489		¹ H NMR 400 MHz (CDCl ₃) δ 7.90 (dd, 2H), 7.77 (dd, 2H), 7.26 (d, 1H), 7.15-7.10 (m, 2H), 6.87 (d, 1H), 6.87-6.64 (m, 2H), 4.81 (s, 2H), 4.23 (dd, 1H), 4.01 (m, 1H), 3.91 (dd, 1H), 3.02 (dd, 1H), 2.90 (dd, 1H), 2.24 (s, 3H); MS <i>m/z</i> 475.0 (M + 1).
490		¹ H NMR 400 MHz (CDCl ₃) δ 7.84 (dd, 2H), 7.71 (dd, 2H), 7.18 (d, 1H), 7.01 (dd, 1H), 6.93 (t, 1H), 6.75-6.70 (m, 3H), 4.71 (s, 2H), 4.19 (dd, 1H), 4.01-3.95 (m, 1H), 3.87 (dd, 1H), 2.97 (dd, 1H), 2.86 (dd, 1H), 2.19 (s, 3H); MS <i>m/z</i> 475.0 (M + 1).
491		¹ H NMR 400 MHz (CDCl ₃) δ 7.88 (dd, 2H), 7.80 (dd, 2H), 7.49 (d, 1H), 7.40 (dd, 1H), 7.28 (d, 1H), 7.15 (dd, 1H), 6.92 (d, 1H), 6.77 (d, 1H), 4.78 (s, 2H), 4.33 (dd, 1H), 4.00-3.99 (m, 2H), 2.99 (dd, 1H), 2.93 (dd, 1H), 2.38 (s, 3H); MS <i>m/z</i> 482.0 (M + 1).

FIG. 1CZ

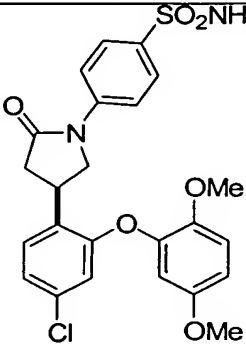
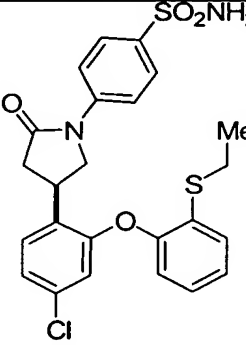
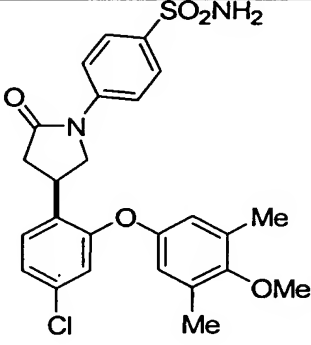
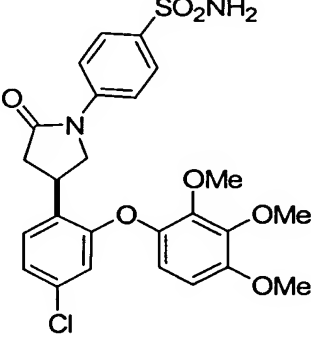
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
492		¹ H NMR 400 MHz (CDCl ₃) δ 7.75 (dd, 2H), 7.64 (dd, 2H), 7.02 (d, 1H), 6.85 (dd, 1H), 6.75 (d, 1H), 6.55 (dd, 1H), 6.50 (d, 1H), 6.43 (d, 1H), 4.54 (s, 2H), 4.12 (dd, 1H), 3.93-3.87 (m, 2H), 3.60 (s, 3H), 3.53 (s, 3H), 2.88-2.86 (m, 2H); MS m/z 503.1 (M + 1).
493		¹ H NMR 400 MHz (CDCl ₃) δ 8.06 (dd, 2H), 7.99 (dd, 2H), 7.60 (dd, 1H), 7.42-7.15 (m, 3H), 7.20 (dd, 1H), 7.15 (d, 1H), 6.82 (d, 1H), 4.87 (s, 2H), 4.50 (dd, 1H), 4.26-4.21 (m, 2H), 3.20 (m, 2H), 3.05 (q, 2H), 1.43 (t, 3H); MS m/z 503.1 (M + 1).
494		¹ H NMR 400 MHz (CDCl ₃) δ 7.81 (dd, 2H), 7.68 (dd, 2H), 7.15 (d, 1H), 6.99 (dd, 1H), 6.74 (d, 1H), 6.53 (d, 2H), 4.85 (s, 2H), 4.17 (dd, 1H), 3.91-3.83 (m, 2H), 3.63 (s, 3H), 2.95 (dd, 1H), 2.91 (dd, 1H), 2.18 (s, 6H); MS m/z 501.1 (M + 1).
495		MS m/z 533.1 (M + 1).

FIG. 1DA

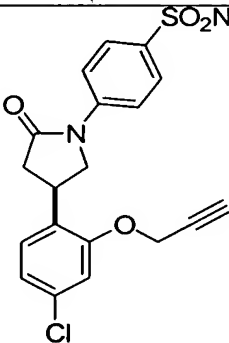
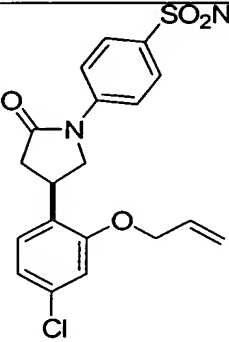
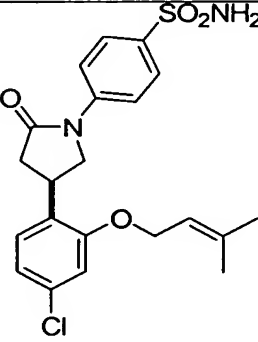
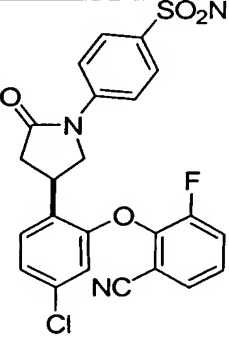
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
496		¹ H NMR 400 MHz (CDCl ₃) δ 7.87 (dd, 2H), 7.77 (dd, 2H), 7.10 (d, 1H), 6.97-6.94 (m, 2h), 4.70-4.69 (m, 4H), 4.18 (dd, 1H), 3.89-3.79 (m, 2h), 2.94 (dd, 1H), 2.84 (dd, 1H), 2.49 (t, 1H); MS <i>m/z</i> 405.0 (M + 1).
497		¹ H NMR 400 MHz (CDCl ₃) δ 7.84 (dd, 2H), 7.54 (dd, 2h), 7.05 (d, 1H), 6.87 (dd, 1H), 6.82 (d, 1H), 5.99-5.87 (m, 1H), 5.31-5.19 (m, 2H), 4.67 (s, 2H), 4.49-4.47 (m, 2H), 4.14 (dd, 1H), 3.87-3.81 (m, 2H), 2.89 (dd, 1H), 2.84 (dd, 1H); MS <i>m/z</i> 407.0 (M + 1).
498		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.72 (dd, 2H), 7.04 (d, 1H), 6.86-6.82 (m, 2H), 5.30 (m, 1H), 4.94 (s, 2H), 4.45-4.42 (m, 2H), 4.13 (dd, 1H), 3.82-3.78 (m, 2H), 2.89-2.80 (m, 2H), 1.65 (s, 3H), 1.62 (s, 3H); MS <i>m/z</i> 435.1 (M + 1).
499		¹ H NMR 400 MHz (CDCl ₃) δ 8.07 (dd, 2H), 8.00 (dd, 2H), 7.70-7.60 (m, 2H), 7.55 (m, 1H), 7.42 (m, 1H), 7.29 (dd, 1H), 6.66 (d, 1H), 4.87 (s, 2H), 4.53 (dd, 1H), 4.33 (m, 1H), 4.24 (dd, 1H), 3.30-3.20 (m, 2H); MS <i>m/z</i> 486.0 (M + 1).

FIG. 1DB

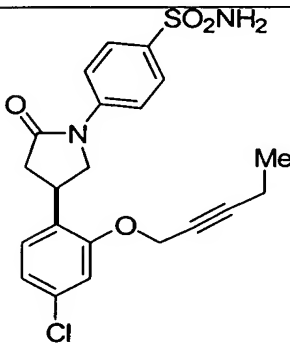
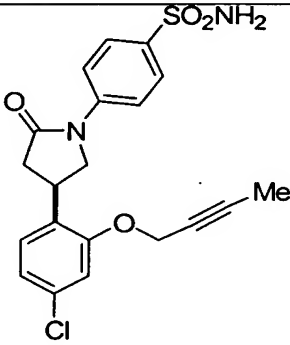
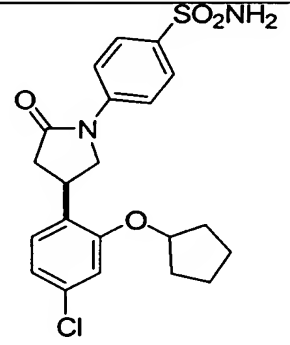
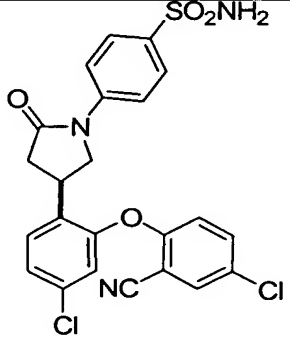
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
500		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.43 (dd, 2H), 7.06 (d, 1H), 6.96 (d, 1H), 6.90 (dd, 1H), 4.83 (s, 2H), 4.63 (t, 2H), 4.16 (dd, 1H), 3.88-3.78 (m, 2H), 2.90-2.84 (m, 2H), 2.16-2.10 (m, 2H), 1.04 (t, 3H); MS <i>m/z</i> 433.0 (M + 1).
501		¹ H NMR 400 MHz (CDCl ₃) δ 7.85 (dd, 2H), 7.75 (dd, 2H), 7.06 (d, 1H), 6.94 (d, 1H), 6.90 (dd, 1H), 4.78 (s, 2H), 4.62-4.61 (m, 2H), 4.16 (dd, 1H), 3.86-3.77 (m, 2H), 2.88 (dd, 1H), 2.83 (dd, 1H), 1.76 (t, 3H); MS <i>m/z</i> 419.0 (M + 1).
502		¹ H NMR 400 MHz (CDCl ₃) δ 7.79 (dd, 2H), 7.70 (dd, 2H), 6.96 (d, 1H), 6.77-6.75 (m, 2H), 4.70-4.64 (m, 3H), 4.04 (dd, 1H), 3.77 (dd, 1H), 3.70 (m, 1H), 2.81 (dd, 1H), 2.79 (dd, 1H), 1.85-1.45 (m, 8H); MS <i>m/z</i> 435.0 (M + 1).
503		¹ H NMR 400 MHz (CDCl ₃) δ 7.88 (dd, 2H), 7.77 (dd, 2H), 7.48 (t, 1H), 7.33-7.28 (m, 2H), 7.23 (d, 1H), 6.90 (d, 1H), 6.85 (dd, 1H), 4.79 (s, 2H), 4.31 (m, 1H), 3.96-3.92 (m, 2H), 2.99 (dd, 1H), 2.87 (dd, 1H); MS <i>m/z</i> 502.0 (M + 1).

FIG. 1DC

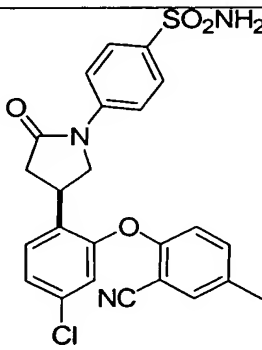
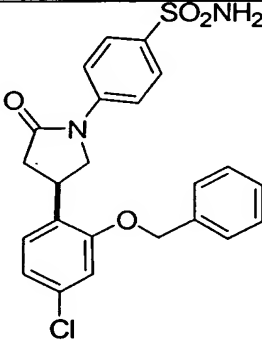
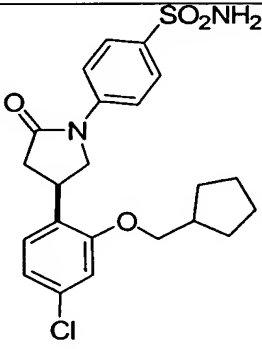
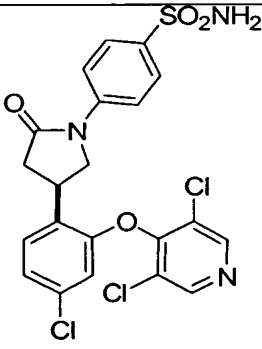
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
504		¹ H NMR 400 MHz (CDCl ₃) δ 7.88 (dd, 2H), 7.77 (dd, 2H), 7.66 (d, 1H), 7.54 (dd, 1H), 7.31 (d, 1H), 7.21 (dd, 1H), 6.92 (d, 1H), 6.83 (d, 1H), 4.82 (s, 2H), 4.30 (m, 1H), 4.00-3.92 (m, 2H), 3.00 (dd, 1H), 2.86 (dd, 1H); MS <i>m/z</i> 502.0 (M + 1).
505		¹ H NMR 400 MHz (CDCl ₃) δ 7.91 (dd, 2H), 7.82 (dd, 2H), 7.51 (d, 1H), 7.40 (dd, 1H), 7.30 (d, 1H), 7.17 (dd, 1H), 6.93 (d, 1H), 6.78 (d, 1H), 4.79 (s, 2H), 4.34 (m, 1H), 4.04-3.98 (m, 2H), 3.03 (dd, 1H), 2.93 (dd, 1H); MS <i>m/z</i> 482.1 (M + 1).
506		¹ H NMR 400 MHz (CDCl ₃) δ 7.88 (dd, 2H), 7.71 (dd, 2H), 7.35-7.33 (m, 5H), 7.14 (d, 1H), 7.01-6.98 (m, 2H), 5.08-5.05 (m, 2H), 4.74 (s, 2H), 4.17 (dd, 1H), 3.91 (m, 1H), 3.87 (dd, 1H), 2.95 (dd, 1H), 2.90 (dd, 1H); MS <i>m/z</i> 457.0 (M + 1).
507		¹ H NMR 400 MHz (CDCl ₃) δ 7.93 (dd, 2H), 7.83 (dd, 2H), 7.10 (d, 1H), 6.93-6.89 (m, 2H), 4.77 (s, 2H), 4.19 (dd, 1H), 3.96-3.84 (m, 4H), 2.98-2.94 (m, 2H), 2.32 (m, 1H), 1.80 (m, 2H), 1.56 (m, 4H), 1.31 (m, 2H); MS <i>m/z</i> 449.1 (M + 1).

FIG. 1DD

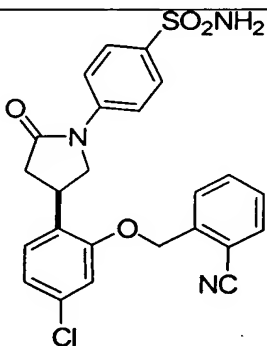
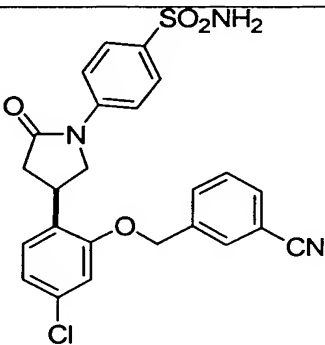
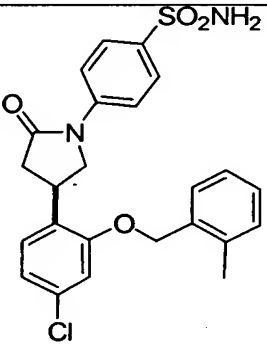
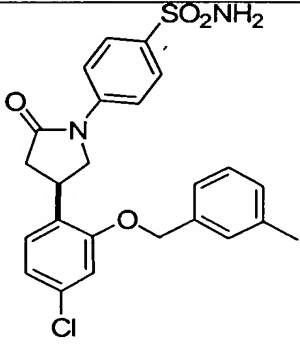
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
508		MS <i>m/z</i> 512.0 (M + 1).
509		MS <i>m/z</i> 482.0 (M + 1).
510		¹ H NMR 400 MHz (CDCl ₃) δ 7.90 (dd, 2H), 7.69 (dd, 2H), 7.59-7.57 (m, 2H), 7.50-7.47 (m, 2H), 7.16 (d, 1H), 7.01-6.97 (m, 2H), 5.08-5.01 (m, 2H), 4.88 (s, 2H), 4.17 (dd, 1H), 3.90-3.84 (m, 2H), 3.01 (dd, 1H), 2.81 (dd, 1H); MS <i>m/z</i> 482.1 (M + 1).
511		MS <i>m/z</i> 470.1 (M + 1).

FIG. 1DE

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
512	 <chem>NC(=O)N1CC[C@H](C1c2ccc(Cl)cc2Oc3ccc(F)c(C#N)c3)c4ccc(Cl)cc4</chem>	MS <i>m/z</i> 470.1 (M + 1).
513	 <chem>NC(=O)N1CC[C@H](C1c2ccc(Cl)cc2OCC3CCCCC3)c4ccc(Cl)cc4</chem>	MS <i>m/z</i> 486.0 (M + 1).
514	 <chem>NC(=O)N1CC[C@H](C1c2ccc(Cl)cc2Oc3ccncc3)c4ccc(Cl)cc4</chem>	MS <i>m/z</i> 463.1 (M + 1).
515	 <chem>NC(=O)N1CC[C@H](C1c2ccc(Cl)cc2Oc3cc(Cl)ccn3O)c4ccc(Cl)cc4</chem>	MS <i>m/z</i> 443.0 (M + 1).

FIG. 1DF

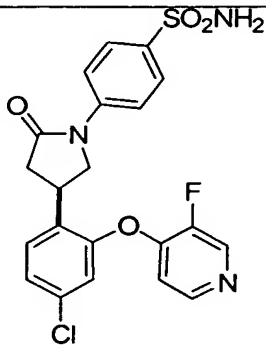
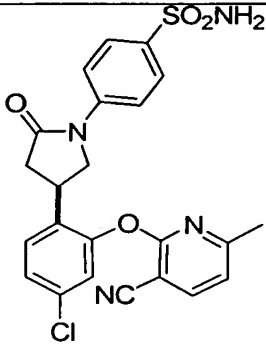
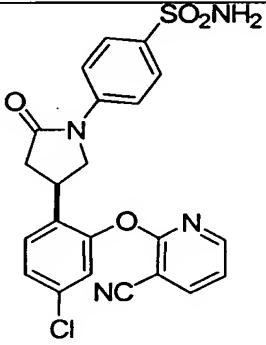
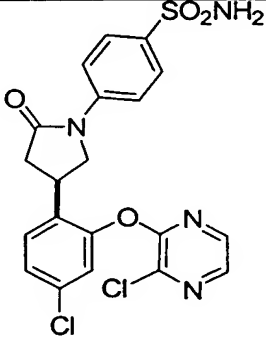
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
516		MS <i>m/z</i> 478.0 (M + 1).
517		¹ H NMR 400 MHz (Acetone- <i>d</i> ₆) δ 8.45 (d, 1H), 8.24 (d, 1H), 7.77-7.74 (m, 4H), 7.61 (d, 1H), 7.30 (dd, 1H), 7.18 (d, 1H), 6.94 (dd, 1H), 6.42 (s, 2H), 4.23 (m, 1H), 4.00-3.96 (m, 2H), 2.87 (dd, 1H), 2.75 (dd, 1H); MS <i>m/z</i> 462.0 (M + 1).
518		MS <i>m/z</i> 483.0 (M + 1).
519		¹ H NMR 400 MHz (CDCl ₃) δ 8.27 (dd, 1H), 7.98 (dd, 1H), 7.84 (dd, 2H), 7.71 (dd, 2H), 7.28-7.24 (m, 2H), 7.16 (d, 1H), 7.13 (dd, 1H), 4.69 (s, 2H), 4.18 (dd, 1H), 3.88 (dd, 1H), 3.81 (m, 1H), 2.90 (dd, 1H), 2.78 (dd, 1H); MS <i>m/z</i> 469.0 (M + 1).

FIG. 1DG

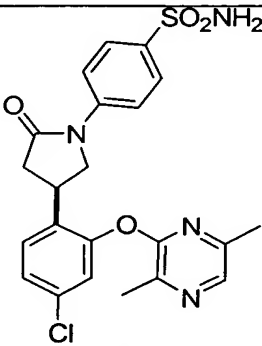
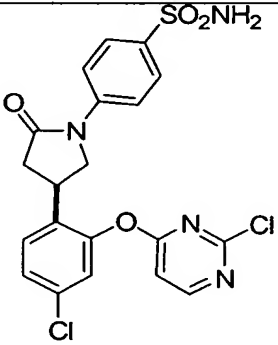
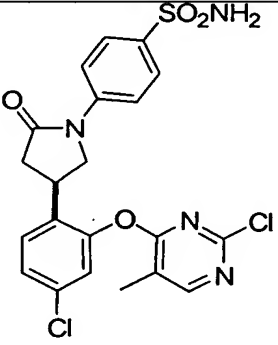
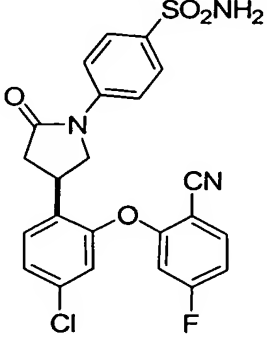
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
520		MS <i>m/z</i> 479.0 (M + 1).
521		MS <i>m/z</i> 473.1 (M + 1).
522		¹ H NMR 400 MHz (Acetone- <i>d</i> ₆) δ 8.63 (d, 1H), 7.91-7.87 (m, 4H), 7.76 (d, 1H), 7.48 (m, 2H), 7.25 (d, 1H), 6.57 (s, 2H), 4.31 (dd, 1H), 4.07 (dd, 1H), 4.02 (m, 1H), 2.99 (dd, 1H), 2.83 (dd, 1H); MS <i>m/z</i> 479.0 (M + 1).
523		¹ H NMR 400 MHz (Acetone- <i>d</i> ₆) δ 8.35 (s, 1H), 7.79 (m, 4H), 7.64 (d, 1H), 7.38-7.35 (m, 2H), 6.47 (s, 2H), 4.20 (dd, 1H), 3.99 (dd, 1H), 3.92 (m, 1H), 2.89 (dd, 1H), 2.76 (dd, 1H), 2.29 (s, 3H); MS <i>m/z</i> 493.0 (M + 1).

FIG. 1DH

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
524	 <chem>NC(=O)N1CC[C@H](C1c2ccc(Cl)cc2Oc3ccc(C#N)cc3Br)Cc4ccc(S(=O)(=O)N)cc4</chem>	MS <i>m/z</i> 486.0 (<i>M</i> + 1).
525	 <chem>COc1ccc(C#N)cc1Oc2ccc(Cl)cc2[C@H]3CC[C@@H](N3C(=O)N4Cc5ccc(S(=O)(=O)N)cc5)Cc6ccc(Cl)cc6</chem>	MS <i>m/z</i> 546.0 (<i>M</i> + 1).
526	 <chem>COc1ccc(C#N)cc1Oc2ccc(Cl)cc2[C@H]3CC[C@@H](N3C(=O)N4Cc5ccc(S(=O)(=O)N)cc5)Cc6ccc(Cl)cc6</chem>	MS <i>m/z</i> 498.0 (<i>M</i> + 1).
527	 <chem>Fc1ccc(Oc2ccc(Cl)cc2[C@H]3CC[C@@H](N3C(=O)N4Cc5ccc(S(=O)(=O)N)cc5)Cc6ccc(Cl)cc6)cc1</chem>	MS <i>m/z</i> 498.0 (<i>M</i> + 1).

FIG. 1DI

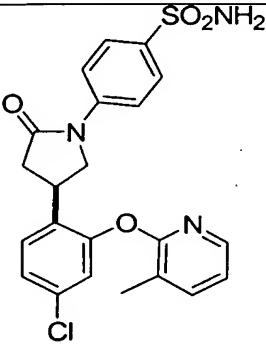
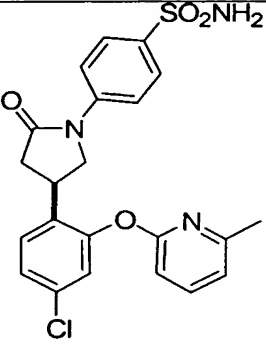
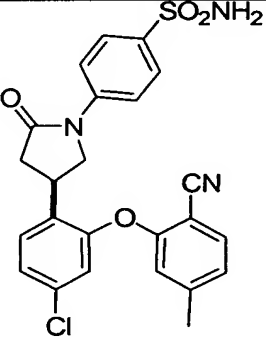
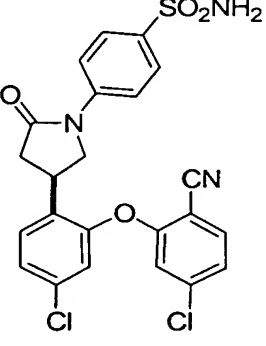
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
528		MS <i>m/z</i> 461.0 (M + 1).
529		MS <i>m/z</i> 458.0 (M + 1).
530		¹ H NMR 400 MHz (Acetone- <i>d</i> ₆) δ 7.98 (dd, 1H), 7.90 (m, 4H), 7.72 (dd, 1H), 7.66 (d, 1H), 7.37 (dd, 1H), 7.25 (d, 1H), 7.09 (dd, 1H), 6.60 (s, 2H), 4.29 (dd, 1H), 4.12 (dd, 1H), 4.09 (m, 1H), 3.00 (dd, 1H), 2.90 (dd, 1H), 2.42 (s, 3H); MS <i>m/z</i> 458.0 (M + 1).
531		MS <i>m/z</i> 482.0 (M + 1).

FIG. 1DJ

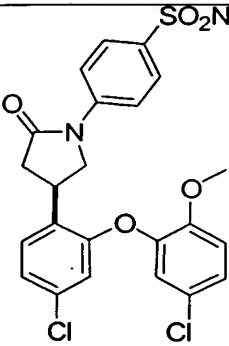
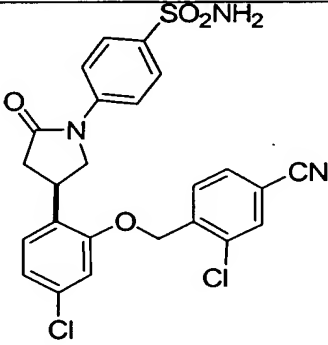
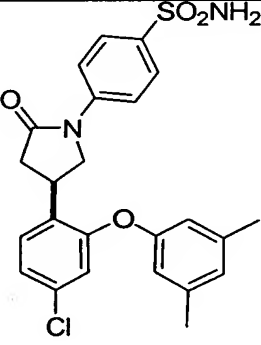
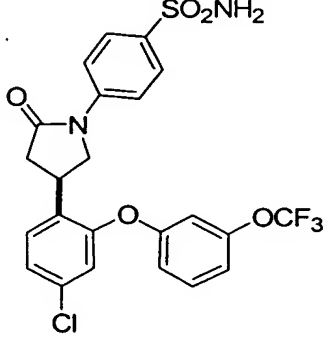
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
532		MS <i>m/z</i> 501.9 (M + 1).
533		MS <i>m/z</i> 507.0 (M + 1).
534		¹ H NMR 400 MHz (CDCl ₃) δ 7.83 (dd, 2H), 7.63 (dd, 2H), 7.49 (d, 1H), 7.43-7.40 (m, 2H), 7.10 (d, 1H), 6.94-6.91 (m, 2H), 5.13-5.06 (m, 2H), 4.80 (s, 2H), 4.06 (dd, 1H), 3.85-3.80 (m, 2H), 2.95 (dd, 1H), 2.75 (dd, 1H); MS <i>m/z</i> 516.0 (M + 1).
535		MS <i>m/z</i> 471.0 (M + 1).

FIG. 1DK

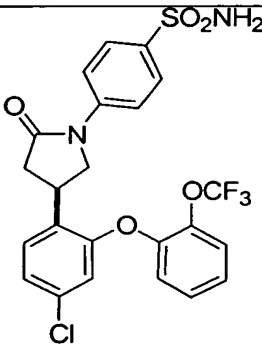
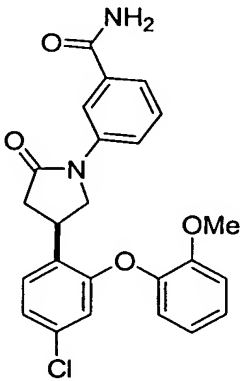
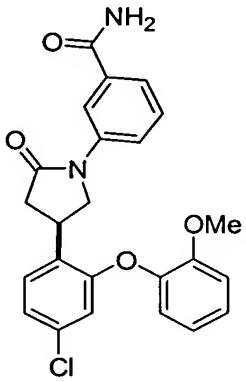
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
536		MS <i>m/z</i> 526.9 (M + 1).
537		MS <i>m/z</i> 527.0 (M + 1).
538		¹ H NMR 400 MHz (CDCl ₃) δ (8.02 (t, 1H), 7.81 (dd, 1H), 7.51 (d, 1H), 7.39 (t, 1H), 7.19-7.11 (m, 2H), 6.99-6.87 (m, 4H), 6.55 (d, 1H), 6.16 (bs, 1H), 5.79 (bs, 1H), 4.25 (dd, 1H), 4.09-3.55 (m, 2H), 3.69 (s, 3H), 2.97 (d, 2H); MS <i>m/z</i> 437.1 (M + 1).

FIG. 1DL

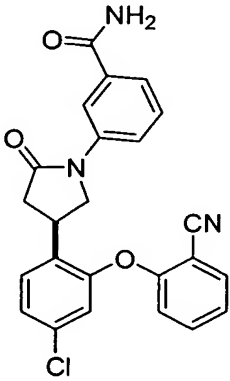
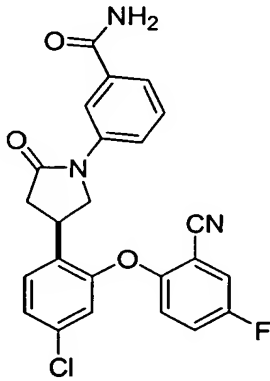
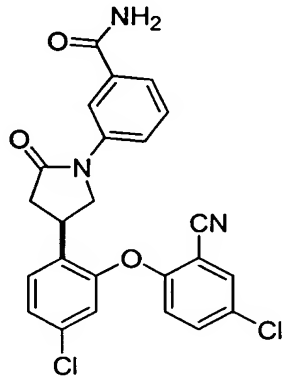
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
539		MS <i>m/z</i> 432.0 (M + 1).
540		MS <i>m/z</i> 450.0 (M + 1).
541		¹ H NMR 400 MHz (CDCl ₃) δ 8.01 (dd, 1H), 7.87 (s, 1H), 7.69 (s, 1H), 7.65 (d, 1H), 7.57 (dd, 1H), 7.47 (t, 1H), 7.35 (d, 1H), 7.23 (dd, 1H), 7.01 (d, 1H), 6.87 (d, 1H), 6.55 (brs, 1H), 5.70 (brs, 1H), 4.39 (dd, 1H), 4.05 (dd, 1H), 3.95 (m, 1H), 3.05 (dd, 1H), 2.89 (dd, 1H); MS <i>m/z</i> 466.0 (M + 1).

FIG. 1DM

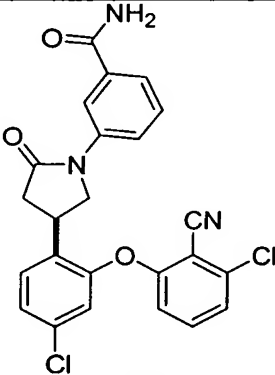
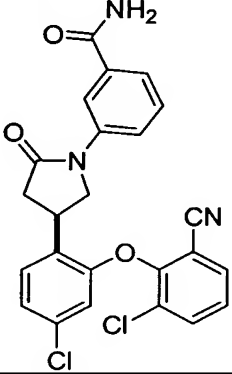
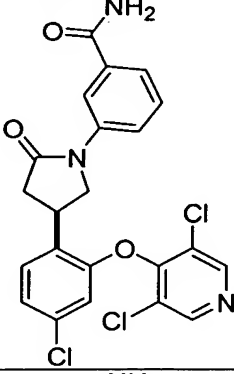
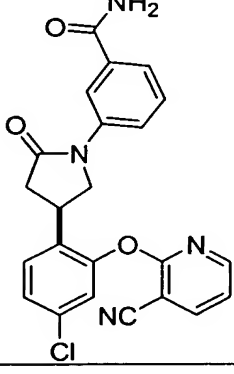
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
542		MS <i>m/z</i> 466.0 (M + 1).
543		¹ H NMR 400 MHz (CDCl ₃) δ 7.98 (brs, 1H), 7.81 (brs, 1H), 7.71 (d, 1H), 7.61 (d, 2H), 7.39 (t, 1H), 7.29 (t, 1H), 7.21 (d, 1H), 7.03 (dd, 1H), 6.52 (brs, 1H), 6.25 (dd, 1H), 5.95 (brs, 1H), 4.45-3.39 (m, 3H), 3.05 (d, 2H); MS <i>m/z</i> 466.0 (M + 1).
544		¹ H NMR 400 MHz (CDCl ₃) δ 8.39 (s, 2H), 7.87 (t, 1H), 7.62 (dd, 1H), 7.35 (dd, 1H), 7.25 (t, 1H), 7.08 (d, 1H), 6.87 (dd, 1H), 6.11 (d, 1H), 6.01 (brs, 1H), 5.45 (brs, 1H), 4.15 (dd, 1H), 3.99-3.85 (m, 2H), 2.89 (dd, 1H), 2.78 (dd, 1H); MS <i>m/z</i> 466.0 (M + 1).
545		¹ H NMR 400 MHz (DMSO- <i>d</i> ₆) δ 8.43-8.39 (m, 2H), 7.98-7.94 (m, 2H), 7.86 (dd, 1H), 7.65-7.62 (m, 2H), 7.49 (d, 1H), 7.44-7.39 (m, 3H), 7.33 (dd, 1H), 4.08 (dd, 1H), 3.95 (dd, 1H), 3.80 (m, 1H), 2.81 (dd, 1H), 2.69 (dd, 1H); MS <i>m/z</i> 433.1 (M + 1).

FIG. 1DN

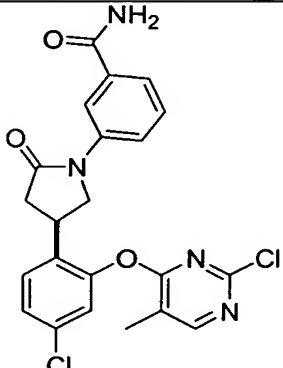
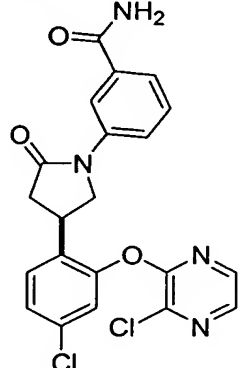
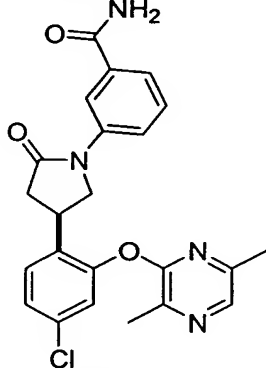
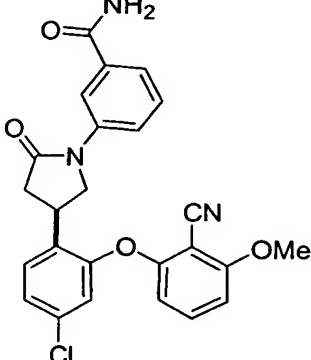
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
546		MS <i>m/z</i> 457.0 (M + 1).
547		MS <i>m/z</i> 443.0 (M + 1).
548		MS <i>m/z</i> 437.1 (M + 1).
549		¹ H NMR 400 MHz (CDCl ₃) δ 8.15 (dd, 1H), 7.79 (t, 1H), 7.72 (d, 1H), 7.53 (t, 1H), 7.45 (t, 1H), 7.33 (d, 1H), 7.21 (dd, 1H), 6.95 (d, 1H), 6.82 (brs, 1H), 6.76 (d, 1H), 6.58 (d, 1H), 5.75 (brs, 1H), 4.45 (dd, 1H), 4.09 (dd, 1H), 3.97 (s, 3H), 3.91 (m, 1H), 3.03-2.87 (m, 2H); MS <i>m/z</i> 462.1 (M + 1).

FIG. 1DO

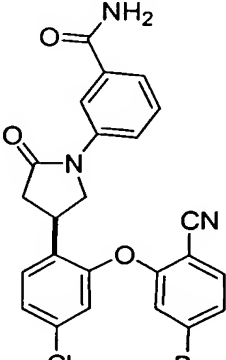
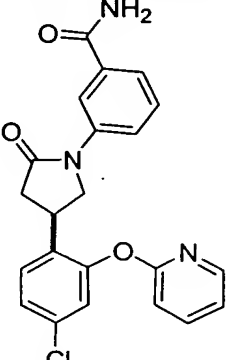
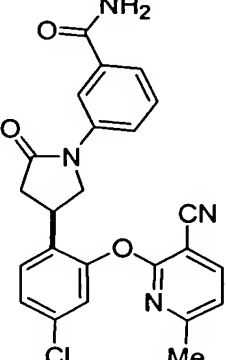
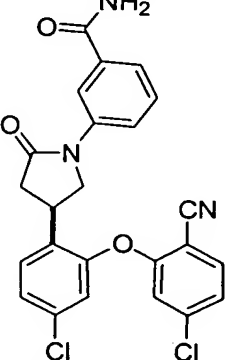
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
550		¹ H NMR 400 MHz (CDCl ₃) δ 8.11 (dd, 1H), 7.96 (t, 1H), 7.75 (dd, 1H), 7.65 (d, 1H), 7.59-7.47 (m, 2H), 7.43 (d, 1H), 7.34 (dd, 1H), 7.21 (d, 1H), 7.05 (d, 1H), 6.67 (brs, 1H), 5.85 (brs, 1H), 4.47 (dd, 1H), 4.11 (dd, 1H), 3.99 (m, 1H), 3.07 (dd, 1H), 2.99 (dd, 1H); MS m/z 510.0 (M + 1).
551		MS m/z 408.05 (M + 1).
552		¹ H NMR 400 MHz (CDCl ₃) δ 8.01 (d, 1H), 7.91-7.86 (m, 2H), 7.65 (d, 1H), 7.46 (t, 1H), 7.31 (d, 1H), 7.27 (dd, 1H), 7.19 (d, 1H), 7.01 (d, 1H), 6.75 (brs, 1H), 6.93 (brs, 1H), 4.36 (dd, 1H), 4.01 (dd, 1H), 3.85 (m, 1H), 3.02-2.82 (m, 2H), 2.45 (s, 3H); MS m/z 447.1 (M + 1).
553		MS m/z 446.0 (M + 1).

FIG. 1DP

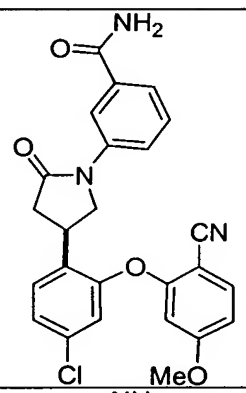
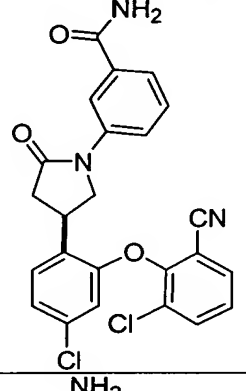
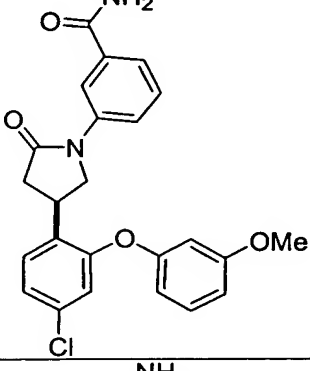
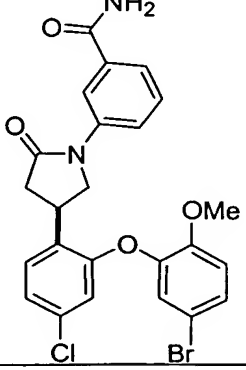
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
554	 <chem>N#Cc1ccc(cc1)C(=O)N2CC[C@H](C2c3ccc(Cl)cc3Oc4ccc(C#N)cc4)C3=CC=CC=C3C(=O)N</chem>	MS <i>m/z</i> 462.1 (M + 1).
555	 <chem>N#Cc1ccc(cc1)C(=O)N2CC[C@H](C2c3ccc(Cl)cc3Oc4cc(Cl)c(C#N)cc4)C3=CC=CC=C3C(=O)N</chem>	MS <i>m/z</i> 466.0 (M + 1).
556	 <chem>COc1ccc(cc1)Oc2ccc(Cl)cc2[C@H]3CC[C@@H](C3c4ccc(NC(=O)c5ccc(cc5)N)cc4)C(=O)N</chem>	MS <i>m/z</i> 437.0 (M + 1).
557	 <chem>COc1cc(Br)ccc1Oc2ccc(Cl)cc2[C@H]3CC[C@@H](C3c4ccc(NC(=O)c5ccc(cc5)N)cc4)C(=O)N</chem>	MS <i>m/z</i> 514.9 (M + 1).

FIG. 1DQ

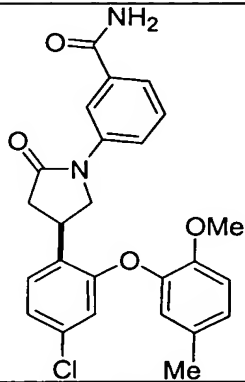
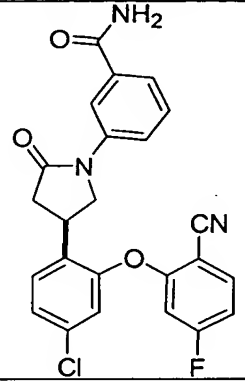
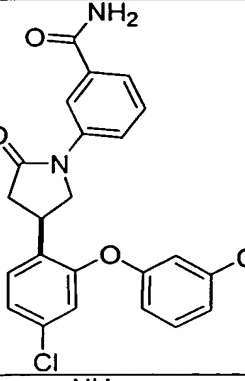
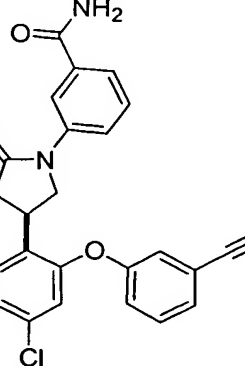
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
558		MS <i>m/z</i> 451.0 (M + 1).
559		¹ H NMR 400 MHz (CDCl ₃) δ 8.07 (d, 1H), 7.84 (s, 1H), 7.75-7.65 (m, 2H), 7.45 (t, 1H), 7.35 (d, 1H), 7.28 (dd, 1H), 7.03-6.93 (m, 2H), 6.75 (brs, 1H), 6.69 (dd, 1H), 6.26 (brs, 1H), 4.43 (dd, 1H), 4.02 (dd, 1H), 3.89 (m, 1H), 2.97 (dd, 1H), 2.89 (dd, 1H); MS <i>m/z</i> 450.0 (M + 1).
560		MS <i>m/z</i> 441.0 (M + 1).
561		MS <i>m/z</i> 432.0 (M + 1).

FIG. 1DR

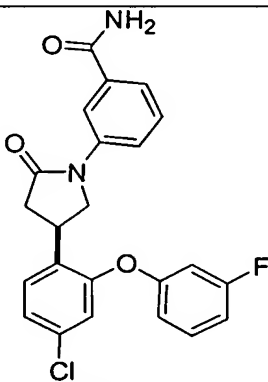
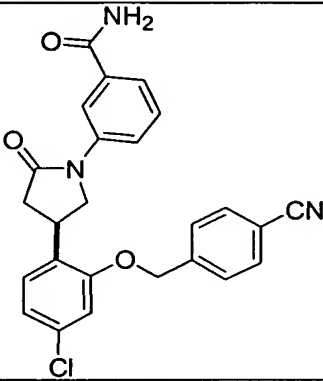
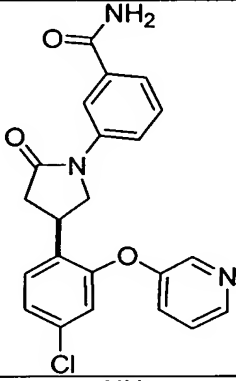
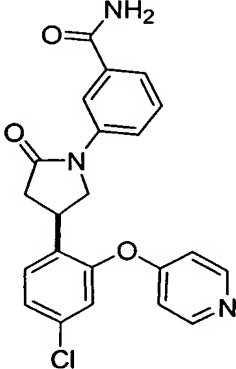
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
562		MS <i>m/z</i> 425.0 (M + 1).
563		MS <i>m/z</i> 446.0 (M + 1).
564		MS <i>m/z</i> 408.0 (M + 1).
565		MS <i>m/z</i> 408.0 (M + 1).

FIG. 1DS

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
566	 <chem>Nc1ccc(cc1)N2C(=O)CC(C2c3ccc(Cl)cc3Oc4ccncc4C)c5ccc(Cl)cc5</chem>	MS <i>m/z</i> 422.0 (M + 1).
567	 <chem>Cc1ccncc1Oc2ccc(Cl)cc2C3CC(NC(=O)c4ccc(N)cc4)CC3=O</chem>	MS <i>m/z</i> 422.0 (M + 1).
568	 <chem>Nc1ccc(cc1)N2C(=O)CC(C2c3ccc(Cl)cc3Oc4cc(F)cc(C#N)c4)c5ccc(Cl)cc5</chem>	MS <i>m/z</i> 450.0 (M + 1).
569	 <chem>Cc1ccc(C#N)cc1Oc2ccc(Cl)cc2C3CC(NC(=O)c4ccc(N)cc4)CC3=O</chem>	MS <i>m/z</i> 446.0 (M + 1).

FIG. 1DT

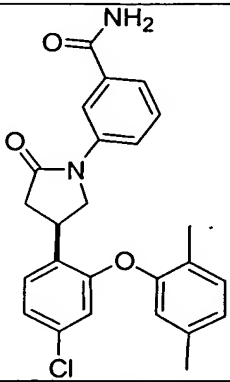
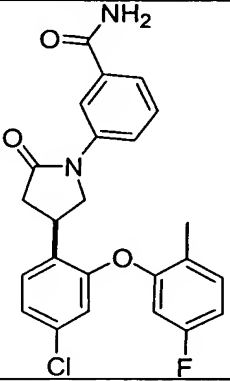
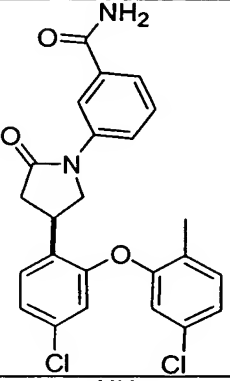
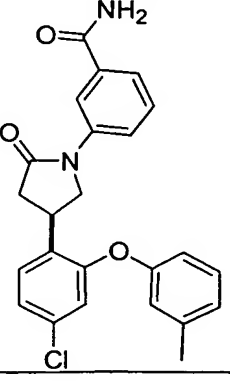
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
570		MS <i>m/z</i> 435.0 (M + 1).
571		MS <i>m/z</i> 439.0 (M + 1).
572		MS <i>m/z</i> 455.0 (M + 1).
573		MS <i>m/z</i> 421.0 (M + 1).

FIG. 1DU

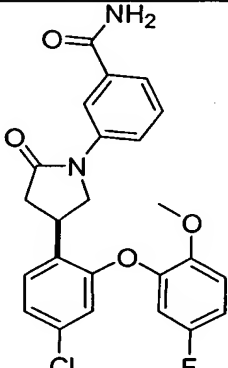
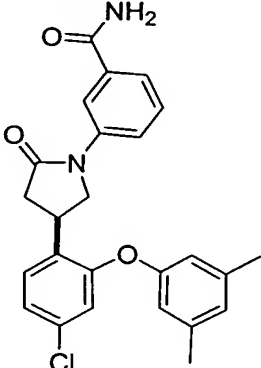
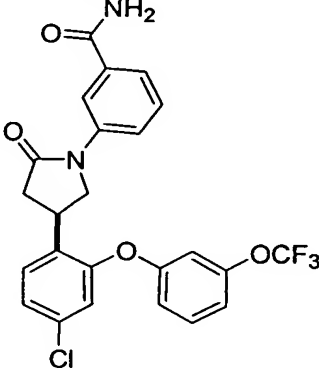
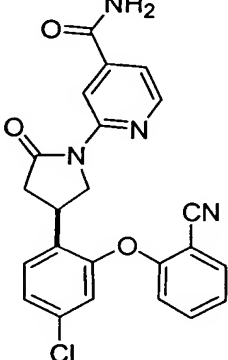
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
574		¹ H NMR 400 MHz (Acetone- <i>d</i> ₆) δ 8.12 (t, 1H), 8.07 (dd, 1H), 7.69 (dd, 1H), 7.49 (m, 2H), 7.21 (dd, 1H), 7.15 (dd, 1H), 7.08-7.05 (m, 2H), 6.68 (d, 1H), 4.39 (dd, 1H), 4.20-4.16 (m, 2H), 3.80 (s, 3H), 3.00-2.84 (m, 2H); MS <i>m/z</i> 455.0 (M + 1).
575		MS <i>m/z</i> 435.0 (M + 1).
576		MS <i>m/z</i> 491.0 (M + 1).
577		¹ H NMR 400 MHz (CDCl ₃) δ 8.62 (d, 1H), 8.39 (dd, 1H), 7.62 (dd, 1H), 7.46 (m, 1H), 7.42 (dd, 1H), 7.27 (d, 1H), 7.17 (dd, 1H), 7.14 (dd, 1H), 6.86 (d, 1H), 6.82 (d, 1H), 6.58 (bs, 1H), 6.05 (bs, 1H), 4.45 (dd, 1H), 4.12 (dd, 1H), 3.92 (m, 1H), 3.03 (dd, 1H), 2.79 (dd, 1H); MS <i>m/z</i> 433.1 (M + 1).

FIG. 1DV

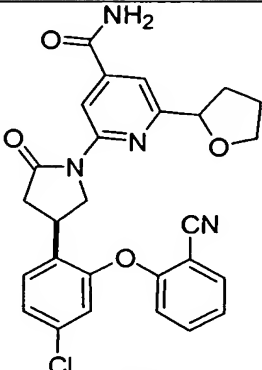
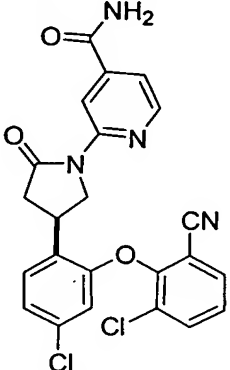
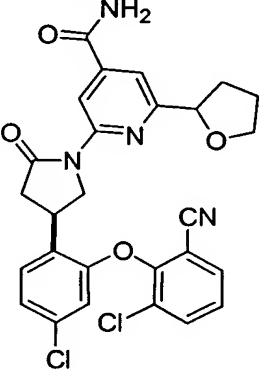
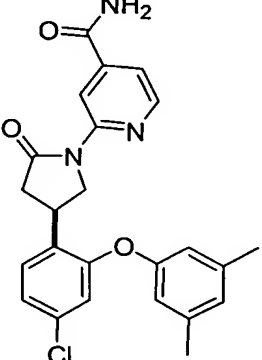
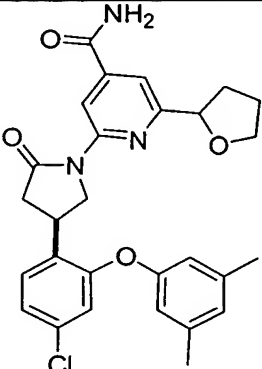
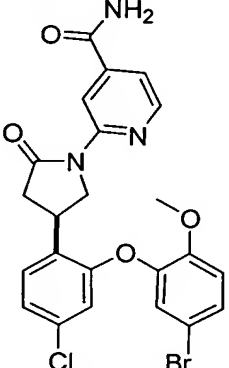
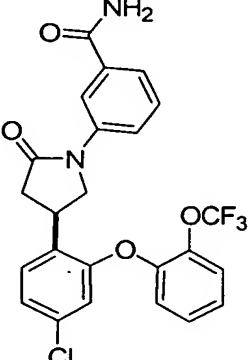
Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
578		MS <i>m/z</i> 503.1 (M + 1).
579		MS <i>m/z</i> 467.0 (M + 1).
580		MS <i>m/z</i> 537.1 (M + 1).
581		MS <i>m/z</i> 436.1 (M + 1).

FIG. 1DW

Compound Number	Structure	Physical Data ¹ H NMR 400 MHz and/or MS (m/z)
582		MS <i>m/z</i> 506.1 (M + 1).
583		MS <i>m/z</i> 516.0 (M + 1).
584		MS <i>m/z</i> 491.1 (M + 1).